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Vaughan's

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AREA CODE 312

Instant Glamour

87th ANNIVERSARY

"Mobile-ize" for Profits With Instant Glamour!

Instant Glamour brings you the 40 best, most popular, fastest-selling bedding plant varieties!

Instant Glamour brings you the display program to help sell them — a program totally new, totally different!

Look at these sparkling, dazzling full-color mobiles shaped like eye-catching gardening subjects. Think of the colorful action of these mobiles hanging above the bedding plants . . . They twirl and twist with the slightest breeze to show both attractively printed sides.

Yes, they'll create a sensation, they'll make bedding plants the center of attraction. And nothing sells like attention! (All 40 Instant Glamour varieties listed on order blank, opposite page).

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GROWERS! GO WITH INSTANT GLAMOUR!

Get in on this profit-planned program now. Instant Glamour is that all-important "something extra" that'll help sell **your** bedding plants instead of your competitors'! This magnificent display kit FREE with each collection; additional kits available at $1.00, less than ⅓ their value! Provide them with the plants you sell at wholesale and see the added sales you'll make.

SO, ORDER NOW AND REALLY GROW WITH INSTANT GLAMOUR!

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GET YOUR GIFT CERTIFICATE. Buy thirty or more of the "Instant Glamour" collection and receive a gift of 10% of your order (after usual discounts) redeemable for any merchandise Vaughan's sell!

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DISCOUNTS ON FLOWER AND VEGETABLE SEEDS *ONLY*
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100.00 to 200.00,	10%	500.00 to 750.00,	16%

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750.00 and Up 20%

Quantity		PRICE Dols.	PRICE Cts.
	AGERATUM—Blue Mink. 1/16 oz., 70c; 1/8 oz., $1.25; 1/4 oz., $2.00; oz., $6.00; 4 oz., $18.00.		
	ALYSSUM—Carpet of Snow. 1/4 oz., 35c; oz., $1.00; 4 oz., $3.00; lb., $12.00.		
	ASTER—Dwarf Queen Mixed. 1/8 oz., 85c; 1/4 oz., $1.50; oz., $4.50; 4 oz., $15.00; lb., $45.00.		
	BALSAM—Color Parade. 1/8 oz., $1.00; 1/4 oz., $1.80; oz., $5.40.		
	CARNATION—Chabaud "Glamour" Mixed. 1/16 oz., 45c 1/4 oz., $1.20; oz., $3.60; 4 oz., $10.00; lb., $36.00.		
	CELOSIA—Cristata Jewel Box. 1/64 oz., $1.00; 1/32 oz., $1.80; 1/16 oz., $3.25.		
	COLEUS—Vaughan's Rainbow Mixture. 1/128 oz., $1.60; 1/64 oz., $2.60; 1/32 oz., $5.00; 1/16 oz., $9.00. 1/8 oz., $15.00; 1/4 oz., $27.00.		
	DAHLIA—Dwarf Exhibitian Mixed. 1/8 oz., 80c; 1/4 oz., $1.35; oz., $4.00; 4 oz., $12.00.		
	DIANTHUS—Brava. 1/32 oz., 90c; 1/16 oz., $1.65; 1/8 oz., $2.75; 1/4 oz., $5.00; oz., $15.00; 4 oz., $45.00.		
	IMPATIENS—Baby Mixed. 1/128 oz., $1.50; 1/32 oz., $3.50; 1/16 oz., $6.50; 1/8 oz., $12.00.		
	MARIGOLD—Climax Mixed. 1/64 oz., 85c; 1/16 oz., $2.50. 1/8 oz., $4.50; 1/4 oz., $8.00; oz., $25.00.		
	Spun Gold. 1/16 oz., 65c; 1/4 oz., $2.00; oz., $6.00; 4 oz., $18.00.		
	Dwarf Master Blend. 1/8 oz., 55c; 1/4 oz., $1.00; oz., $3.00; 4 oz., $9.00.		
	PANSY—Swiss Master Blend. 1/16 oz., $1.50; 1/8 oz., $2.75; 1/4 oz., $5.00; oz., $15.00; 4 oz., $50.00; lb., $200.00.		
	PETUNIA—(F-1 Grandiflora). Aristocrat. 1/2 trade pkt. (500 seeds), $1.50; trade pkt. (1000 seeds), $2.75; 1/128 oz., $4.75; 1/64 oz., $8.75; 1/32 oz., $16.75.		
	Calypso. 1/2 trade pkt. (500 seeds), $1.50; trade pkt. (1000 seeds), $2.75; 1/128 oz., $4.75; 1/64 oz., $8.75; 1/32 oz., $16.75; 1/16 oz., $32.00.		
	Pink Desire. 1/2 trade pkt. (500 seeds), $1.50; trade pkt. (1000 seeds), $2.75; 1/128 oz., $4.75; 1/64 oz.; $8.75; 1/32 oz., $16.75; 1/16 oz., $32.00.		
	Red Ensign. 1/2 trade pkt. (500 seeds), $1.10; trade pkt. (1000 seeds), $2.00; 1/128 oz., $3.50; 1/64 oz., $6.00; 1/32 oz., $11.00; 1/16 oz., $20.00.		
	Star Master. 1/2 trade pkt. (500 seeds), $1.10; trade pkt. (1000 seeds), $2.00; 1/128 oz., $3.50; 1/64 oz., $6.00; 1/32 oz., $11.00; 1/16 oz., $20.00.		
	PETUNIA—(F-1 Multiflara) Coral Satin. 1/2 trade pkt. (500 seeds), $1.35; trade pkt. (1000 seeds), $2.50; 1/128 oz., $4.50; 1/64 oz., $8.00; 1/32 oz., $15.50.		
	Sub. Total		

Quantity		PRICE Dols.	PRICE Cts.
	PETUNIA-Dawn Satin. 1/2 trade pkt. (500 seeds, $1.25; trade pkt. (1000 seeds), $2.25; 1/128 oz., $3.50; 1/64 oz., $6.00; 1/32 oz., $10.75; 1/16 oz. $20.50.		
	Pink Satin. 1/2 trade pkt. (500 seeds), $1.25; trade pkt. (1000 seeds), $2.25; 1/128 oz., $3.50; 1/64 oz., $6.00; 1/32 oz., $10.75; 1/16 oz., $20.50.		
	Red Satin. 1/2 trade pkt. (500 seeds), $1.25; trade pkt. (1000 seeds), $2.25; 1/128 oz., $3.50; 1/64 oz., $6.00; 1/32 oz., $10.75; 1/16 oz., $20.50.		
	Sugar Plum. 1/2 trade pkt. (500 seeds), $1.00; trade pkt. (1000 seeds), $1.75; 1/128 oz., $3.00; 1/64 oz., $5.50; 1/32 oz., $10.00; 1/16 oz., $19.25.		
	White Satin. 1/2 trade pkt. (500 seeds), $1.25; trade pkt. (1000 seeds), $2.25; 1/128 oz., $3.50; 1/64 oz., $6.00; 1/32 oz., $10.75; 1/16 oz., $20.50.		
	PETUNIA—All Double (Grandiflora) Dwarf Master Blend. 1/2 trade pkt. (500 seeds), $2.50; trade pkt. (1000 seeds), $4.50; 1/128 oz., $8.00; 1/64 oz., $15.50.		
	PHLOX—Dwarf Master Blend. 1/16 oz., 75c; 1/8 oz., $1.25; 1/4 oz., $2.00; 1/2 oz., $3.50; oz., $6.00; 4 oz., $18.00; lb., $54.00.		
	PORTULACA—Double Mixed. 1/16 oz., 45c; 1/4 oz., $1.25; oz., $3.90; 4 oz., $11.00; lb., $33.00.		
	SALVIA—St. John's Fire. 1/16 oz., 90c; 1/4 oz., $2.75; oz., $8.50; 4 oz., $25.00; lb., $100.00.		
	SNAPDRAGON—F-1 Sunrise Mixed. (Vaughan Exclusive). Trade pkt. (500 seeds), $1.75; 1/128 oz., $3.00; 1/64 oz., $5.50; 1/32 oz., $10.00; 1/16 oz., $19.25.		
	F-1 Racket Mixed. Trade pkt. (500 seeds), $1.75; 1/128 oz., $3.00; 1/64 oz., $5.50; 1/32 oz., $10.00; 1/16 oz., $19.25; 1/8 oz., $36.50.		
	VERBENA—Dwarf Master Blend. 1/16 oz., 75c; 1/8 oz., $1.25; 1/4 oz., $2.00; 1/2 oz., $3.50; oz., $6.00; 4 oz., $18.00; lb., $54.00.		
	ZINNIA—Thumbelina (All America). 1/32 oz., 85c; 1/16 oz., $1.50; 1/8 oz., $2.75; 1/4 oz., $5.00; oz., $15.00; 4 oz., $45.00.		
	F-1 Firecracker (All America). 1/16 oz., $2.25; 1/8 oz., $4.00; 1/4 oz., $7.00; oz., $21.00		
	Old Mexica. 1/8 oz., $1.50; 1/4 oz., $2.65; oz., $8.00; 4 oz., $26.65.		
	CABBAGE—Emerald Cross (All America). 1/4 oz., $1.65; oz., $4.00; 4 oz., $12.00; lb., $36.00.		
	PEPPER—Yalo Wander. 1/2 oz., 60c; oz., $1.10; 4 oz., $3.35; lb., $10.00.		
	TOMATO—Burpee's Big Bay.® 1/16 oz., $2.50; 1/8 oz., $4.50; 1/4 oz., $8.50; 1/2 oz., $16.00; oz., $30.00; 4 oz., $98.00.		
	Early Giant Hybrid. 1/16 oz., $2.50; 1/8 oz., $4.50; 1/4 oz., $8.50; 1/2 oz., $16.00; oz., $30.00; 4 oz., $90.00.		
	Tiny Tim. 1/4 oz., 95c; 1/2 oz., $1.75; oz., $3.35; 4 oz., $10.00; lb., $30.00.		
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S. F. 63

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601 W. Jackson Blvd., Chicago 6, Ill.

Phone FRanklin 2-7560 (Area Code 312)

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☐ **CHARGE.** Check if you have a charge account. If you wish to have this purchase charged and no account has been arranged, send 3 trade references with addresses and allow about one week to check them.

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	To save delay, may we substitute if necessary Yes ☐ No ☐			
	If you need additional order blanks, please check here ☐ Carried Forward.	lbs.	$	

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Local—Chicago or New York City	24c	2c
First and Second Zone within 150 miles of either	33c	5c
Third Zone within 150 to 300 miles	35c	6c
Fourth Zone within 300 to 600 miles	39c	8c
Fifth Zone within 600 to 1000 miles	45c	10c
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Seventh Zone within 1400 to 1800 miles	58c	16c
Eighth Zone all over 1800 miles	64c	19c

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Vaughan's Now Gives You the Answer to the Questions

What Weight is There in a Trade Packet? **How Many Seeds in a Trade Packet?**

You, our customers, have given us many good ideas and this is the latest.

Our **Wholesale Catalog** and **Seed Packet** now gives either the number of seeds or exact weight. No more troublesome "over-ordering" just to be sure you have enough. You save time, labor and money just by knowing what you receive when you order by weight or "Trade Packet" showing number of seeds.

Abutilon

ANNUAL 7,000 seeds oz. 68° 2-3 weeks

Hybridum Maximum Mixed. (Flowering Maple) Giant flowers; leaves very ornamental and often variegated. 3 to 4 ft.
1/32 oz., **55c;** 1/4 oz., **$3.00;** oz., **$9.00.**

Achillea

PERENNIAL Seeds, see below 68° 1-2 weeks

Ptarmica Fl. Pl. The Pearl. (175,000 seeds per oz.). Abundant small white flowers, for cutting, 30 in.
1/32 oz., **30c;** 1/8 oz., **75c;** 1/4 oz., **$1.35;** oz., **$4.00;** lb., **$40.00.**

Filipendula Parker's Variety. (220,000 seeds per oz.) 2 ft. Large heads of golden yellow flowers on long stems. Coming into flower in July blooms continuously until frost. Excellent for cutting.
1/32 oz., **30c;** 1/8 oz., **75c;** 1/4 oz., **$1.35;** oz., **$4.00;** lb., **$36.00.**

Aconitum

PERENNIAL 10,000 seeds oz.
Expose to freezing temperatures for best germination results.

Napellus. (Monk's Hood). Dark blue. 36 in.
1/16 oz., **40c;** 1/4 oz., **$1.20;** oz., **$3.60;** 4 oz., **$10.50.**

Acroclinium

ANNUAL 9,000 seeds oz. 68-86° 2-3 weeks

Double Giant Mixture. Excellent fresh cut flower. When used for winter bouquets, cut when buds begin to open. 20 in.
1/8 oz., **35c;** 1/4 oz., **60c;** oz., **$1.80;** 4 oz., **$5.25.**

Agathea

ANNUAL 27,000 seeds oz.
Expose to freezing temperatures for best germination results.

Coelestis (Blue Daisy). Very free flowering, fine for cutting. Start seed early. 30 in.
1/16 oz., **35c;** 1/4 oz., **$1.00;** oz., **$3.00.**

Aloe

ANNUAL 6,500 seeds oz. 65-75° 3-4 weeks

Variegata or "Partridge Breast Aloe," the finest and most favored quick growing succulent with beautifully variegated leaves. Seedlings of 9 to 12 months of age, potted up in Tom Thumb pots, are salable in unlimited quantity.
100 seeds, **$1.65;** 500 seeds, **$7.20;** 1,000 seeds, **$12.50.**

Alyssum

See page 2

Amaranthus

ANNUAL 30,000 seeds oz. 68-86° 3-4 weeks
Prefer a dry sunny location in the outdoor garden. Water sparingly when once established.

Molten Fire. Fiery crimson and maroon.

★**Tricolor Splendens.** Very beautiful foliage. 3 ft.

Each of the above: 1/8 oz., **35c;** 1/4 oz., **50c;** oz., **$1.50;** 4 oz., **$4.50;** lb., **$13.50.**

Anchusa

PERENNIAL Seeds, see below 68-86° 3-4 weeks

Italica Dropmore Variety. (1,100 seeds per oz.) Large, gentian-blue, excellent perennial for cutting, 6 ft.
1/8 oz., **40c;** 1/4 oz., **70c;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Myosotidiflora. (10,500 seeds per oz.). × Exquisite blue forget-me-not flowers. April-May. 15 in.
1/32 oz., **45c;** 1/8 oz., **$1.35;** 1/4 oz., **$2.50;** oz., **$7.50;** 4 oz., **$22.50.**

AGERATUM BLUE MINK—MARIGOLD SPUN GOLD

Ageratum

ANNUAL 210,000 seeds oz. 68-86° 3 weeks
Sow seed early to have good sized plants for spring. Plants from seed will vary some in habit.

Blue Ball Improved. Compact plants, 4-5 in.
1/16 oz., **40c;** 1/4 oz., **$1.30;** oz., **$4.00;** 4 oz., **$12.00;** lb., **$36.00.**

★**Blue Bedder.** 5-6 in. Uniform compact plants bearing clusters of lavender-blue flowers. The color is deeper than that of Blue Ball.
1/16 oz., **55c;** 1/8 oz., **95c;** 1/4 oz., **$1.65;** oz., **$5.00;** 4 oz., **$15.00;** lb., **$45.00.**

Blue Cap. 6-8 in. Dwarf compact habit. True blue flowers. Very uniform.
1/16 oz., **45c;** 1/4 oz., **$1.20;** oz., **$3.60;** 4 oz., **$10.00.**

Instant Glamour

★**Blue Mink (Tetraploid).** Large powder-blue flowers freely produced on 12 inch plants. Compact, even habit. Ideal for pots as well as edging in the garden border. Illustrated in combination with Marigold Spun Gold.
1/16 oz., **70c;** 1/8 oz., **$1.25;** 1/4 oz., **$2.00;** oz., **$6.00;** 4 oz., **$18.00.**

★**Fairy Pink.** Dwarf and compact habit, flowers delightful soft salmon-rose.
1/16 oz., **60c;** 1/8 oz., **$1.00;** 1/4 oz., **$1.80;** oz., **$6.20;** 4 oz., **$18.50.**

Imperial Dwarf White. 6 in.
1/16 oz., **50c;** 1/4 oz., **$1.40;** oz., **$4.40;** 4 oz., **$13.00.**

★**Midget Blue.** Clear blue flower, dense small leaved plant. Uniformly dwarf plants covered with bloom.
1/16 oz., **60c;** 1/8 oz., **$1.00;** 1/4 oz., **$1.80;** oz., **$6.00;** 4 oz., **$18.00.**

Golden. (Lonas Inodora) 10 in. Clustered fluffy flowers of a rich yellow. Excellent for edgings.
1/32 oz., **50c;** 1/16 oz., **80c;** 1/8 oz., **$1.50;** 1/4 oz., **$2.75;** oz., **$8.00.**

ALYSSUM VAUGHAN'S CARPET OF SNOW BORDERS A FOUNDATION PLANTING OF PETUNIA F-1 PINK DESIRE.

Alyssum

ANNUAL 60,000 seeds oz. 68° 2-3 weeks
A fragrant annual for combinations, bedding or edging. Does well in the poorest soil.

Instant Glamour

★**Vaughan's Carpet of Snow** (Snowcloth). Unsurpassed for uniformity of height and form. A neat compact edging plant, pure white flower.
¼ oz., **35c;** oz., **$1.00;** 4 oz., **$3.00;** lb., **$12.00.**

Pink Heather (All America 1959). A soft lavender-pink that becomes a deeper pink with cool weather. Uniformly compact plant profusely covered with bloom from earliest Summer until late Fall. 1/16 oz., **55c;** ¼ oz., **$1.65;** oz., **$4.95;** 4 oz., **$16.50.**

Royal Carpet. Rich violet-purple flowers profusely borne on spreading compact plants. So dense is the bloom, little or no foliage is seen. 1/16 oz., **35c;** ¼ oz., **90c;** oz., **$2.40;** 4 oz., **$7.00;** lb., **$21.00.**

Violet Queen. Bright violet flowers; dwarf plant. ⅛ oz., **30c;** ¼ oz., **45c;** oz., **$1.40;** 4 oz., **$4.20;** lb., **$16.00.**

Rosie O'Day. (All America Silver Medal 1961). Coming into flower early, blooms retain their deep rose-pink color throughout the entire blooming season. The dwarf compact plants are 3-4 inches in height with a spread of 10 inches at maturity. We supply Originator's Seed Only.
1/16 oz., **85c;** ⅛ oz., **$1.35;** ¼ oz., **$2.50;** oz., **$7.50;** 4 oz., **$25.00.**

PERENNIAL 30,000 seeds oz. 68-86° 3-4 weeks
Free flowering rock garden or border plants that have proven perfectly hardy under our conditions.

Rock Garden Varieties Mixed. Many rare species mixed.
1/16 oz., **55c;** ⅛ oz., **90c;** ¼ oz., **$1.65;** oz., **$5.00;** 4 oz., **$15.00.**

Saxatile Compactum (Gold Dust). Golden yellow, 12 in. Blooms in spring.
¼ oz., **40c;** oz., **$1.20;** 4 oz., **$3.60;** lb., **$10.50.**

Silver Queen (Sulphureum Citrinum). Pale lemon-colored flowers.
1/16 oz., **40c;** ¼ oz., **$1.20;** oz., **$3.60;** 4 oz., **$10.80.**

Anemone

PERENNIAL 37,000 seeds oz. 68° 5-6 weeks
Slow and uneven of germination.

Pulsatilla. × The Pasque Flower. Violet flowers, whole plant covered with silky hairs, needs a dry situation. April to June. 12 in. 1/16 oz., **50c;** ⅛ oz., **85c;** ¼ oz., **$1.50;** oz., **$4.50;** 4 oz., **$16.00.**

St. Brigid's Hybrids. (Irish Champions). Favored by commercial growers for lasting quality of the bloom, length of stem, brilliancy of colors. 18 in.
1/16 oz., **40c;** ¼ oz., **$1.10;** oz., **$3.30;** 4 oz., **$10.00.**

Anthemis

PERENNIAL 85,000 seeds oz. 68° 3-4 weeks

Kelwayii. (Tinctoria Perry's Variety). (Hardy Marguerite). Daisy-like lemon-yellow blossoms, produced all summer, 3 ft.
⅛ oz., **25c;** ¼ oz., **40c;** oz., **$1.20;** 4 oz., **$3.50;** lb., **$10.50.**

Aquilegia (Columbine)

PERENNIAL 17,500 seeds oz. 68-86° 3-4 weeks
The Columbine (Aquilegia) flower does not hold up well for shipping. However, it has definite cutflower value, particularly for the retail grower.

Coerulea Blue. Sky-blue with white corolla. Rocky Mt. Columbine.
1/16 oz., **45c;** ¼ oz., **$1.25;** oz., **$4.00;** 4 oz., **$12.00;** lb., **$36.00.**

Coerulea Mrs. Nicholls. Deep blue and bolder flower than Coerulea blue. 1/16 oz., **$1.00;** ⅛ oz., **$1.75;** ¼ oz., **$3.00;** oz., **$9.00.** 4 oz., **$27.00.**

Rose Queen. Shades of rose with white corolla, 30 in.
1/16 oz., **55c;** ¼ oz., **$1.35;** oz., **$4.40;** 4 oz., **$13.25.**

Long-Spurred Blue Shades.
1/16 oz., **70c;** ⅛ oz., **$1.25;** ¼ oz., **$2.00;** oz., **$6.00;** 4 oz., **$18.00.**

Celestial Blue. Large flowered, long spurs. Petals rich blue, corolla and spurs lighter blue. Introducer's Trade pkt., **75c.**

Chrysantha Silver Queen (Snow Queen). Long-spurred silvery white, 2 ft.
1/16 oz., **45c;** ¼ oz., **$1.20;** oz., **$3.60;** 4 oz., **$10.75.**

Crimson Star. Long spurs of rich crimson, the center is white tinged carmine, flowers 3 in. across on 2 ft. stems. Varies.
1/16 oz., **$1.00;** ⅛ oz., **$1.65;** ¼ oz., **$3.00;** oz., **$9.00;** 4 oz., **$27.00.**

McKana Hybrids. Large flowers, long spurs and a rich beautiful color range make this an important addition to the perennial group for garden and cutting. Strong bushy plants with striking terminal flowers on long wiry stems above the lacy foliage. 3 ft.
1/16 oz., **$1.00;** ¼ oz., **$1.75;** ¼ oz., **$3.00;** oz., **$9.00;** 4 oz., **$27.00.**

Mrs. Scott Elliott's Strain. The blooms are of large size and the spurs very long. The color range through shades of lavender, mauve, blue, purple, white, cream, yellow pink, red, etc.
1/16 oz., **45c;** ¼ oz., **$1.35;** oz., **$4.00;** 4 oz., **$12.00;** lb., **$36.00.**

Arabis

PERENNIAL 160,000 seeds oz. 68° 3-4 weeks

Alpina. White flowers in dense masses. 1 ft.
⅛ oz., **40c;** ¼ oz., **60c;** oz., **$1.80;** 4 oz., **$5.50.**

Alpina Rosea. Pink, 1 ft. 1/16 oz., **45c;** ¼ oz., **$1.35;** oz., **$4.00;** 4 oz., **$12.00.**

Aralia

ANNUAL 68° Slow and uneven to germinate.

Sieboldi. (New seed ready in March.)
100 seeds, **40c;** 1,000 seeds, **$3.30.**

Arctotis

ANNUAL 3,700 seeds oz. 68° 3-4 weeks

Large Flowering Hybrids. Flowers resemble those of Gerbera. Numerous beautiful colors. 2½ to 3 in. across in shades of apricot, bronze, brown, pink, red, scarlet and yellow besides pure white. 1 ft.
1/16 oz., **50c;** ¼ oz., **$1.50;** oz., **$4.50;** 4 oz., **$13.00.**

Asters

See Pages 4-5

Begonias from Seed

ANNUAL 30,000 seeds 1/32 oz. 68° 2-3 weeks

Adaptable to all growing conditions, Begonias are rapidly forging ahead as one of the most popular pot plants.

They do well in the home where light and heat conditions are not at their best, also as bedding plants for the partially shaded spot in the garden.

Sow seed in a non-acid peat, do not cover except with paper, until they sprout. Keep surface of flat moist.

For reasons of economy and as a space saver, shift seedlings to flats, spacing 2 x 2 inches, grow on until plants become crowded. then transfer to 3 or 4-inch pots for ready sale.

Monthly sowings from August to March will insure ample supply of plants for customer needs.

CAUTION: Begonia seedlings will burn if exposed to full sun. Recommend using a good, well shaded house high in humidity.

Begonias Fibrous-Rooted

Dwarf, 6 to 8 Inches

Adeline (Improved Darling). Very dwarfest habit; bright pink flowers and green foliage, very attractive.

Ball Deep Rose. Rich rosy-red fading to a bright luminous pink as weather becomes warmer.

Ball Red. Medium large flowers of bright scarlet-red. Fairly dwarf in growth, and of uniformly rounded habit.

Dwarf Luminosa. Bright scarlet, free flowering, Excellent pot plant.

King of the Reds. Very dwarf glowing scarlet, foliage, green edged bronze.

Snowbank. Large glistening white flowers cover the dense growing plant. Foliage light green. The best dwarf white.

Each of the above 6: 1/128 oz., **$1.75;** 1/64 oz., **$3.25;** 1/32 oz., **$6.00.**

Vaughan's Special Mixture of Dwarf Varieties for pots and bedding. 1/128 oz., **$1.50;** 1/64 oz., **$2.75;** 1/32 oz., **$5.00.**

Medium, 9 to 11 Inches

Carmen. Bright rose flowers, bronze foliage.

Indian Maid. Bright deep scarlet buds and flowers with deep lustrous bronze foliage.

Luminosa. Deep dark scarlet flowers, foliage reddish brown.

Scandinavia Pink. Large free flowering rose-pink. Plants of good branching habit. Foliage dark green tinged with bronze.

Scandinavia Red. A free flowering scarlet-red with dark bronze foliage.

Scandinavia White. The pure white flower is a striking contrast to the light green foliage and reddish color of its stem. Free flowering.

Vaughan's Special Medium Tall Mixture. A formula blend consisting of the above colors.

Each of the above 7: 1/128 oz., **$1.50;** 1/64 oz., **$2.75;** 1/32 oz., **$5.00.**

Tall, 12 Inches and Up

Christmas Cheer Red. Large flowers of deep crimson-scarlet, light bronze foliage. 1/128 oz., **$1.10;** 1/64 oz., **$2.00;** 1/32 oz., **$3.75.**

Vaughan's Special Mixture of all Varieties.
1/128 oz., **$1.00;** 1/64 oz., **$1.80;** 1/32 oz., **$3.00.**

Begonia

Double Tuberous Rooted

Sow December 1st to 15th and have 4's for bedding sales in May. Keep growing in at least a 65 degree house, particularly in the seedling and small plant stage. Later 60 degree temperature will do nicely.

Vaughan's Special Mixture. This cream of a specialist's collection contains the lovely camellia and rose-flowered forms together with the double fringed types in charming colors from dainty light shades to the richer and darker tones. Leaflet on culture supplied with seed. Trade pkt., (1000 seeds), **$3.50.**

BEGONIAS SCANDINAVIA PINK AND SCANDINAVIA WHITE IN FORMAL BEDS AT HIALEAH COURSE, FLORIDA

F-1 Hybrids (Heterosis)

As a pot plant, recommend these to your customer for the house, they do well in high temperatures and low light intensity of the modern home. Vigorous pot plants, they are also excellent bedding subjects in partial shade or in full sun.

Organdy Choice Mixed. A complete range of color, red, pink and white. Hybrid vigor makes them particularly adaptable to outdoor bedding, even in full sun.

Pink Pearl. One of the best for pot culture. The plants form perfect balls. Rich pink flowers carried well above the fresh green foliage.

Red Pearl. Only in its brilliant dark scarlet color does it differ from Pink Pearl.

Each of the above 3: Trade pkt. (2000 seeds), **$1.50;** 6 Trade pkts., **$6.75.**

Thousand Wonders (Tausendschon). Absolutely even in growth and color, plants are one mass of lustrous rose flowers.

Thousand Wonders Red (Red Tausendschon). The rich carmine scarlet counterpart of Thousand Wonders.

Each of the above 2: Trade pkt. (2000 seeds), **$2.00;** 5 Trade pkts., **$9.00.**

Thousand Wonders White. Pure white flowers, completes the color range in this free flowering group, with their dwarf compact habit. Trade pkt. (1000 seeds), **$2.00;** 5 Trade pkts., **$9.00.**

Begonia

Rex Hybrids. An outstanding mixture producing a wide range of ornamental leaved Rex Type. Trade pkt. (1000 seeds), **$2.50.**

Armeria

PERENNIAL 12,000 seeds oz. 68° 2-3 weeks

Formosa Large Flowering Hybrids. 2 ft.
1/16 oz., **50c;** 1/8 oz., **85c;** 1/4 oz., **$1.50;** oz., **$4.50;** 4 oz., **$13.00.**

Glory of Holland. Giant Pink. Clear, deep pink flowers. Extra fine for cutting. 1/32 oz., **70c;** 1/8 oz., **$2.20;** 1/4 oz., **$4.00;** oz., **$12.00;** 4 oz., **$36.00.**

Asclepias

PERENNIAL 4,500 seeds oz. 68-86° 3-4 weeks

Tuberosa. (Butterfly Weed). Umbels of varying orange colored flowers. Lasts well when cut. 24 in.
1/16 oz., **45c;** 1/4 oz., **$1.35;** oz., **$4.00;** 4 oz., **$12.00.**

Asparagus

ANNUAL 750 seeds oz. 68-86° 4-6 weeks

Cracking seed coat with a knife may increase and assist germination. Carefully harvested, hand-picked, plump, well-matured seed of this is a specialty with us.

Plumosus Nanus. **Sprengeri.**

Each of the above 2: 100 seeds, **40c;** 250 seeds, **$1.00;** 1,000 seeds, **$3.00;** 5,000 seeds, **$10.00;** 10,000 seeds, **$18.00.**

Asters WILT-RESISTANT

ANNUAL 12,000 seeds oz. 68° 2-3 weeks

Aster Giant Incurved

A new strain of large, full-double flowers on long stems. Highly resistant to wilt. Very fine bedding strain, exceptional as cut-flowers.

Azure. Clear light blue, the smallest flower of all. Blooms August 20.

Phlox Pink. Medium large flowers of soft peachblossom pink Blooms September 1.

Pure White. Outstanding in our Cloth House Trials. Blooms August 25.

Purple Ball. The large incurved flowers are similar to the Rose Pink except for the bright purple color. Blooms August 20.

Rose Pink. Rich deep rose. Blooms August 25.

Scarlet Ball. A fine full-double flower in the popular Heart of France color. Flower slightly smaller than others in the group. A new color much needed in the Giant Incurved Asters.

Shell Pink. Soft shell pink, rarely shows centers under our conditions. Excellent flowered under lights. Blooms August 20.

Mixed. Our own **Formula Blend** in just the right color proportions.

Each of the above: 1/16 oz., **$1.00;** 1/4 oz., **$3.00;** oz., **$9.00.**

Aster Pink Lady

This new florist cutflower Aster is a rich glowing salmon pink. Solid double flowers, the broad incurved petals completely covering the center. Large blooms, averaging 3 to 4 inches across, are freely produced on husky stems. Branching type, tall vigorous plants. A color long missing in Asters. 3 ft. Long lasting when cut.

1/16 oz., **$1.00;** 1/4 oz., **$3.00;** oz., **$9.00.**

Our recommendations: in addition to INSTANT GLAMOUR, are marked★. Items marked X are suited for rock gardens.

FOR GREENHOUSE AND

Asters in the Greenhouse

The off-season production of Asters as a greenhouse crop is proving most profitable. While Asters can be flowered all year on a schedule similar to the one used for "Mums," it is as an early Spring and Summer cutflower they are at their best.

Requirements are simple: a night temperature of 50° and the use of additional lighting from the seedling stage until plants are 20 to 24 inches tall. We recommend the use of 60 watt bulbs with reflectors spaced 5 ft. apart (the lighting arrangement as you have it set up for Mums will do nicely). Additional lighting must be given from September 1st to May 1st, or until the first flowers show color, and from sunset to 10:30 P.M. At other times the natural light is sufficient.

The Giant Incurved Aster has proven most popular for this purpose, with heavy demand for the White, Rose Pink and Shell Pink. Use sterilized soil and space plants 8 x 8 inches.

A portion of Ohio State's recommended growing schedule follows and is readily adaptable where the suggested 50° night temperature is maintained.

We find this schedule works out satisfactorily in most areas. However, there is apt to be more variation from year to year than with Mums.

SOW SEEDS	POT	BENCH	APPROXIMATE FLOWERING DATE
December 20	January 10	March 1	May
February 1	February 20	April 1	June
March 15	April 1	May 15	July
April 20	May 10	June 15	August
May 20	June 10	July 15	September

Dwarf Asters in Pots

These new pot plant Asters should be given additional light from seedling stage until plants are 20 to 24 inches tall. We recommend using lights from sunset until 10:30 P.M. Use 60 watt bulbs with reflectors spaced 5 ft. apart, or use the lighting arrangement as set up for your Mum planting.

In keeping quality, both as a cutflower or pot plant, the Aster compares favorably with the Mum. Add to this a wide range of color, white to darkest red and deepest blue.

Sow seed in December and January for April and May flowering. Much in demand for Easter and Mother's Day.

Instant Glamour

Aster Dwarf Queen

An early flowering, base branching plant with flowers of good size. Freely produced. **Illustrated on page 5.**

Crimson	**Deep Blue**
Rose	**Light Blue**
Scarlet	**White**

Dwarf Queen Formula Mixed, all the above.

Each of the above: 1/8 oz., **85c;** 1/4 oz., **$1.50;** oz., **$4.50;** 4 oz., **$15.00;** lb., **$45.00.**

Gerhart Hauptmann

Bushy plants covered with ball-like double flowers of a striking cinnabar-red.

1/8 oz., **60c;** 1/4 oz., **$1.00;** oz., **$3.00;** 4 oz., **$10.00.**

Aster Early Charm

Mixed. A new Aster type coming into flower very early, well in advance of late summer heat. Long clean stems support a profusion of 3 inch double flowers, each with broad overlapping petals similar to the American branching form. Colors range from purest white through all shades of pink to crimson, scarlet, all the blue tones and deepest purple. A wonderful cutflower variety and an important addition to the popular list of annuals for spring bedding plant sales. 18 in. 1/8 oz., **85c;** 1/4 oz., **$1.50;** oz., **$4.50.**

OUTDOOR GROWING

Aster

Giant (American) Branching

Excellent for cut flowers. The branching habit is accompanied by vigor of growth and profusion of bloom. The flowers are large, very double, stems long and colors vivid. 2 to 3 ft.

Crimson	**Pink (Shell)**	**Sensation (deep red)**	
Deep Rose	**Lavender**	**Purple**	**White**

Giant Branching Formula Mixed.

Each of the above: ⅛ oz., **40c;** ¼ oz., **65c;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Super Giant—3 Feet

An Improved Giants of California. The largest Aster now bred to show resistance to Wilt. Giant ostrich-feather flowers with long, sturdy, non-lateral stems are valuable as cutflowers. An excellent "giant" that blooms from late summer to frost.

Beverly Hills. Azure blue
El Monte. Crimson
Hollywood. Pure paper white
Mixed. A full range of color
Los Angeles. Shell pink
Pasadena. Peachblossom
Santa Barbara. Dark purple

Each of the above: ⅛ oz., **70c;** ¼ oz., **$1.25;** oz., **$3.75;** 4 oz., **$11.00.**

Queen of the Market

The Standard Early-Flowering Type

The earliest of all Asters, widely used for early market cutting. Plants 20 in. tall, long stemmed medium sized flowers.

Azure Blue	**Crimson**	**Dark Blue (Purple)**
Flesh Pink	**Rose**	**White**

Queen of Market Formula Mixed

Each of the above: ⅛ oz., **40c;** ¼ oz., **65c;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

The Royal—2 feet. Early-Flowering Branching

This type fills a gap between the Queen of the Market and the Late-Flowering Branching Asters. Sown early inside, and planted out with Queen of the Market, it follows that variety very closely.

Lavender (Azure Blue)	**Rose-Pink**
Purple	**Shell Pink**
Royal Formula Mixed	**White**

Each of the above: ⅛ oz., **40c;** ¼ oz., **65c;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

ASTER
DWARF QUEEN

Outdoor Aster Growing

The most widely advertised Wilt Resistant Aster will show no resistance to Wilt when grown in badly infected soil. We suggest a different location each year for your Aster planting, as well as steam sterilization of soil. Sow seed six weeks before planting out date and three weeks after seed sowing the seedlings should be put into Val-Peat Pots and three weeks later they will be ready for planting out. Space a foot apart in beds to insure a working area to set up wire or string supports. A cloth or plastic covering will provide protection against the leaf hopper who spreads Aster Yellow. An occasional spraying or dusting of your planting with Parathion should protect your Asters from infection. We recommend the use of Parathion only for those experienced with it. D.D.T., although not quite as effective, is recommended where safety is a factor.

Crego

Large, feathery, fully double flowers on robust branching 2½ foot plants. Comes into bloom in mid-August and continues well into September. A splendid keeper and shipper.

Azure Blue	**Crimson**		**Purple**
Blue Flame	**Deep Rose**	**Pink (Shell)**	**White**

Crego Formula Mixed

Each of the above: ⅛ oz., **40c;** ¼ oz., **65c;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Bouquet Type—2 Feet

The plant habit is upright, quilled blooms are produced in clusters on top of long sturdy stems. This variety of Aster being well regarded by cutflower growers. The entire plant may be cut as one attractive bouquet. Very early.

Powderpuffs Mixed. A complete range of bright interesting colors.
⅛ oz., **85c;** ¼ oz., **$1.50;** oz., **$4.50;** 4 oz., **$15.00;** lb., **$45.00.**

Heart of France. Medium sized blooms of glowing ruby-red. A reselected strain.
⅛ oz., **60c;** ¼ oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00;** lb., **$27.00.**

Asters in Mixture

California Giant Sunshine Mixed. The yellow quilled center provides a striking contrast to the single row of colored outer petals. Giant flowers, 4 to 5 inches across, on 3 ft. plants. Long stiff stems, fine for cutting.
⅛ oz., **60c;** ¼ oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00;** lb., **$32.00.**

Early Giant Formula Mixed. An early type of Giants of California coming into bloom 4 to 5 weeks ahead of the regular strain. Extra large flowers, long, strong stems. Includes all the popular Aster colors. 1½ ft.
⅛ oz., **60c;** ¼ oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00;** lb., **$32.00.**

Princess Formula Mixed. The full crested center is surrounded by several rows of strong guard petals. Early and free flowering; the blooms last long when cut. A complete range of color. 2 ft.
⅛ oz., **60c;** ¼ oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00;** lb., **$27.00.**

Vaughan's Florists' Mixture Wilt-Resistant Varieties. Perfectly balanced mixture of best commercial colors.
⅛ oz., **40c;** ¼ oz., **65c;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Single Chinese Rainbow Mixture. Wilt-Resistant. A mid-season variety, growing 24 to 30 inches tall. It has a good sized single Aster flower in a range of colors almost exclusively, various shades of light blue, dark blue and even violet, rose and crimson. There is no white in the mixture and no flesh pink. Upright growth.
⅛ oz., **35c;** ¼ oz., **50c;** oz., **$1.50;** 4 oz., **$4.50.**

Aster Perennial

PERENNIAL 15,000 seeds oz. 68° 2-3 weeks

Alpinus. Fine light blue, 1⅓ ft.
1/16 oz., **65c;** ⅛ oz., **$1.10;** ¼ oz., **$1.95.**

Goliath. Soft blue, largest-flowered, fine, 15 in.
1/32 oz., **80c;** 1/16 oz., **$1.40;** ⅛ oz., **$2.20;** ¼ oz., **$4.00;** oz., **$12.00.**

Mixed. Blue and white flowers with a rich yellow center. Very large and early; plants uniform and compact. 12 in.
1/16 oz., **65c;** ⅛ oz., **$1.10;** ¼ oz., **$1.95.**

Large Flowering Varieties Mixed. Large flowers in a mixture of blue, rose and purple shades. Fall flowering, rich and attractive. 5 ft. 1/16 oz., **65c;** ⅛ oz., **$1.15;** ¼ oz., **$2.00;** oz., **$7.00.**

Aubrietia

PERENNIAL 150,000 seeds oz. 54° 2-3 weeks.

Large-Flowered Hybrids. × Lovely dwarf spring blooming plants. Form beautiful cushions of foliage and flowers. 6 in.
1/16 oz., **45c;** 1/4 oz., **$1.35;** oz., **$4.00;** 4 oz., **$12.00.**

Leichtlini. × Large-flowered, rosy-purple.
1/16 oz., **45c;** 1/4 oz., **$1.35;** oz., **$4.00;** 4 oz., **$12.00.**

New Giant Hybrids. Full petalled types equal to the best named varieties. Superior in size and color range to any other strain raised from seed. 1/16 oz., **60c;** 1/8 oz., **$1.00;** 1/4 oz., **$1.80;** oz., **$5.75.**

BALSAM COLOR PARADE

Balsam

ANNUAL 3,000 seeds oz. 68° 3-4 weeks

BUSH FLOWERING. Flowers appear in clusters on top of stem instead of on sides. When grown in small pots these make nice plants in bloom for spring sales.

Scarlet (Torch) **Rose** **White Reflected Rose**

Mixed. Includes the above.

Each of the above 4: 1/8 oz., **45c;** 1/4 oz., **70c;** oz., **$2.50;** 4 oz., **$7.50;** lb., **$22.00.**

Color Parade

Instant Glamour

This new "Tom Thumb" mixture is more dwarf and compact than the regular strain. Large double blooms, in a wide range of brilliant colors, are displayed well above the foliage.
10 in. 1/8 oz., **$1.00;** 1/4 oz., **$1.80;** oz., **$5.40.**

BALSAM (Lady Slipper). Short stemmed double flowers closely set along the length of the stems. Foliage a rich green.

Double Rose Flowered Mixed. 18 in.

Double Camellia Flowered Mixed. 18 in.

Each of the above 2: 1/4 oz., **35c;** oz., **$1.00;** 4 oz., **$3.00;** lb., **$9.00.**

Baptisia

PERENNIAL 1,700 seeds oz. 68°
Slow and uneven to germinate.

Australis. (False Indigo). Beautiful racemes of pea-shaped indigo-blue flowers. 2–4 ft.
1/8 oz., **40c;** 1/4 oz., **60c;** oz., **$2.00;** 4 oz., **$7.00.**

A TRIAL GROUND PLANTING OF ORNAMENTAL BASIL "DARK OPAL"

Ornamental Basil

ANNUAL 20,000 seeds oz. 65° 2 weeks

Dark Opal. Bronze Medal All America 1962. The small lavender-white flower, on its slender spike, is in striking contrast to the attractive dark purplish-bronze foliage. Very uniform plant habit with an average height of 15 inches and a spread of 12 inches. For borders and mass planting. Developed at the University of Connecticut Experimental Station. We offer the Introducer's seed.
1/16 oz., **$1.00;** 1/8 oz., **$1.75;** 1/4 oz., **$3.15;** oz., **$9.35;** 4 oz., **$31.20.**

Bellis Perennis × (English Daisy)

PERENNIAL 192,000 seeds oz. 68° 1-2 weeks

MONSTROSA. Much used for early summer bedding as well as combination work in Spring. Although a perennial, it is usually treated as an annual.

Double Pink **Double White**
Double Crimson. Definitely red **Double Mixed**

Each of the above: 1/16 oz., **45c;** 1/4 oz., **$1.35;** oz., **$4.00;** 4 oz., **$12.00.**

Super Enorma

An improved strain with ball-shaped fully double flowers measuring 2½ to 3 inches across. Blooms slightly later than Monstrosa with not quite so long a flower stem.

Mixed. A well-balanced blend which includes crimson, rose, salmon and white.
1/32 oz., **70c;** 1/8 oz., **$2.00;** 1/4 oz., **$3.75;** oz., **$10.00.**

Bell of Ireland

ANNUAL 7,000 seeds oz. 86° 2-3 weeks
Graceful 2 ft. branching stems surrounded with 2 inch bell-like flowers of a delicate green. The white calyx provides interesting contrast. Widely used in flower arrangements, either as a fresh cut-flower or dried for winter bouquets.
1/8 oz., **60c;** 1/4 oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00.**

Broom Hybrids

PERENNIAL 5,500 seeds oz. 70-80° 6-8 weeks
The shrub-like plant is covered with 1 inch sweet pea-like flowers in a range of bright colors. Very hardy, grows well in poor soil, prefers full sun. 4-5 ft.
1/16 oz., **80c;** 1/8 oz., **$1.40;** 1/4 oz., **$2.50.**

Browallia

ANNUAL 65,000 seeds oz. 68° 2-3 weeks

Speciosa Major Blue. Large deep blue flowers, 1½ inches across. The flower stems average 10 to 12 inches. Fine for pots.
1/64 oz., **$1.20;** 1/16 oz., **$3.60;** 1/8 oz., **$6.60;** 1/4 oz., **$12.00.**

Cacalia (Tassel Flower)

ANNUAL 56,000 seeds oz. 68° 2-3 weeks

Flowers of scarlet or gold on branching stems, fluffy tassels, less than half an inch in diameter. Blooms until heavy frost. Fine for mixed bouquets, 2 ft.

Mixed. Scarlet and yellow. 1/16 oz., **40c;** 1/4 oz., **$1.00;** oz., **$3.00;** 4 oz., **$11.00;** lb., **$40.00.**

Calceolaria

ANNUAL 20,000 seeds 1/32 oz. 68° 2-3 weeks

In sowing Calceolaria seed, use only loose, sterilized material. Responds best when a night temperature of 60° is maintained. Seed being very fine does not require soil covering. During bud development period a temperature of not over 50° is recommended (Cornell University). When plants are of sufficient size to handle, put into small Val-Peat Pots, later shifting to 4 or 5 inch pots. A regular insect spraying program should be instituted and we recommend the use of Parathion. Calceolaria are most susceptible to aphis. Give some shade from late February on and water planting only when dry. Too much water causes yellowing of foliage.

Hybrids Mixed (F-1 Multiflora Nana. Gilbert's). Large flowerheads, good stems and a brilliant range of color which includes reds, yellows, bronze and pastels from solid to mottled. Good foliage and earliness of bloom as well as a compact flowerhead on not too large a plant combine to make this one of the most desired pot plant varieties. Trade pkt., **$3.50.**

Triumph Strain. A truly outstanding strain. Bright shades of yellow, orange, red and rose; the flowers are large and mostly tigered or spotted. This strain produces bushy, shapely plants with clean foliage. 1/128 oz., **$1.50;** 1/64 oz., **$2.75;** 1/32 oz., **$5.00.**

Multiflora Nana Mixed. The average size of the blooms is only 1½ inches, but the amount of flowers produced is unsurpassed. The color scheme is extraordinarily gay and full of contrast. Pinch out center to make well shaped bushy stock.
Trade pkt., (2500 seeds) **$1.50;** 1/128 oz., **$2.75;** 1/64 oz., **$5.00;** 1/32 oz., **$9.00.**

Gilbert's Multiflora Nana Mixed. A Specialist's selection from the Type. Bright gay colors, plants uniform and compact, very free flowering. Introducer's Trade pkt., **$2.50.**

Calendula

See page 9

Cineraria

ANNUAL 6,000 seeds 1/32 oz. 68° 2-3 weeks

A January sowing will provide nice 3 inch plants in May for combination work. For best results do not pinch.

CAUTION: Do not use soil in which Mums have been grown, particularly if your Mum planting was affected with Verticillium wilt or Seidewitz disease. Soil-borne fungus such as these will quickly attack your Cineraria causing the lower leaves to wilt and die and then gradually kill the entire plant. Steam sterilization of soil is important and as a prevention we recommend the use of new field soil from seed flats to finished pot.

MASTER BLEND®

Vaughan's Master Blend. A new strain in a complete range of solid colors, all without eyes, rich red tones predominating. Dense flower head, dwarf compact plant, 12 to 14 inches in height. 1/128 oz., **$1.75;** 1/64 oz., **$2.75;** 1/32 oz., **$5.00.**

Cremer's Prize Mixture. Re-selected. Somewhat taller and larger flowered than Multiflora Nana.
1/128 oz., **$1.50;** 1/64 oz., **$2.50;** 1/32 oz., **$4.50.**

Gold Center. (Multiflora Nana). The golden yellow stamens make a wonderful contrast with the blues, reds and pinks of the flowers. Good shipper.
1/128 oz., **$1.50;** 1/64 oz., **$2.50;** 1/32 oz., **$4.50.**

Cremer's Prize Strain and Siter's Rainbow Strain. In equal proportions.
1/128 oz., **$1.50;** 1/64 oz., **$2.50;** 1/32 oz., **$4.50.**

Siter's Rainbow Strain Mixed. Immense flower heads of medium large flowers ranging from bright eyed types to finer pastel shades. Compact growth with small leaves. Earlier than Cremer's. 1/128 oz., **$1.50;** 1/64 oz., **$2.50;** 1/32 oz., **$4.50;** 1/16 oz., **$8.00.**

Siter's Hybrids. A distinct improvement over the original strain. A new group of Cineraria Hybrids blended for perfect combination of colors, ranging from bright-eyed types through the finer pastel shades. Large flower heads with medium, large individual flowers. (Originator's Packet). Seed for 500 plants, **$5.00.**

Grandiflora Dwarf Mixed. Excellent strain in a fine range of color. 1 ft. 1/128 oz. **$1.75;** 1/64 oz., **$2.75;** 1/32 oz., **$5.00.**

Campanula

ANNUAL 50,000 seeds oz. 68-86° 2-3 weeks

Blooms from seed in less than six months. The plant grows from two to two and a half feet tall, each plant having from six to eight spikes of blooms.

Annual Canterbury Bells Mixed.
1/16 oz., **50c;** 1/4 oz., **$1.50;** oz., **$4.50.**

BIENNIAL 125,000 seeds oz. 68-86° 2-3 weeks

Easily forced in the greenhouse for Spring cutflowers.

Medium Calycanthema. (Cup and Saucer). 36 in.
Dark Blue **White**
Rose **Mixed**
Each of the above 4: 1/16 oz., **30c;** 1/4 oz., **75c;** oz., **$2.20;** 4 oz., **$6.60.**
Lilac 1/16 oz., **35c;** 1/4 oz., **$1.00;** oz., **$3.00;** 4 oz., **$10.00.**

Medium Single (Canterbury Bell). 36 in. **Mixed.**
1/8 oz., **25c;** 1/4 oz., **40c;** oz., **$1.00;** 4 oz., **$3.00.**

Medium Double Mixed
1/16 oz., **30c;** 1/4 oz., **80c;** oz., **$2.75;** 4 oz., **$7.00.**

PERENNIAL Seeds, see below. 68-86° 2-3 weeks

Carpatica. × (Hare Bell). (350,000 seeds per oz.) Forms a quickly-widening tuft of neat foliage above which are borne on slender, branched erect stems, wide cup-shaped upright blooms of a glistening light violet blue, 9 in.
1/32 oz., **35c;** 1/8 oz., **85c;** 1/4 oz., **$1.50;** oz., **$4.50.**

Persicifolia. (340,000 seeds per oz.). (Peach Bell). 30 in. Bell-shaped flowers on stiffly erect stems.
Alba. White, fine. **Coerulea Blue.**
Telham Beauty. Large bells of China blue, varies.
Each above 3: 1/32 oz., **40c;** 1/8 oz., **$1.10;** 1/4 oz., **$1.95.**
Mixed. 1/32 oz., **40c;** 1/4 oz., **$1.40;** oz., **$4.20;** 4 oz., **$12.00.**

Perennial Varieties Mixed.
1/16 oz., **40c;** 1/4 oz., **$1.25;** oz., **$3.75.**

Rock Garden Varieties Mixed.
1/16 oz., **40c;** 1/4 oz., **$1.00;** oz., **$3.60.**

CINERARIA VAUGHAN'S MASTER BLEND

CARNATION CHABAUD "GLAMOUR" MIXED

CELOSIA JEWEL BOX

Carnation

ANNUAL 15,000 seeds oz. 68° 2-3 weeks

From an early outdoor planting, these strains produce a nice crop of summer cutflower Carnations. Give some support. A garden favorite in cool climates.

Chabaud Giant Improved

The finest strain for outdoor bedding.

Copper Red (Salmon Rose)
Deep Rose
Flesh-Pink
Maroon (Nero)
Rose-Pink
Scarlet (Cardinal)
Violet
White (Jeanne Dionis)
Yellow (Marie Chabaud)

Fantasy. Striped and variegated mixed colors.

Orange Sherbet. Deeply laciniated petals, striped and flushed with scarlet on an orange-apricot ground.

Instant Glamour **Chabaud "Glamour" Mixed.** Our special formula blend which includes the newer varieties.
Each of the above: 1/16 oz., **45c;** 1/4 oz., **$1.20;** oz., **$3.60;** 4 oz., **$10.00;** lb., **$36.00.**

Enfant de Nice

Compact growth, flowers up to 2¾ inches in diameter on strong stiff stems, without disbudding.

White **Salmon** **Rose** **Red** **Yellow**

Mixed. From varieties noted above.

Each of the above: 1/32 oz., **50c;** 1/4 oz., **$2.50;** oz., **$7.50;** 4 oz., **$22.00.**

Margaret Double Mixed. A free flowering summer strain. An abundance of bloom on good stems. Blooms in five months from sowing. Very fragrant.
1/16 oz., **30c;** 1/4 oz., **65c;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$20.00.**

Vaughan's Special Mixture. A mixture of Enfant de Nice, Giant Margaret Mixed and Chabaud Giant Improved. 1/16 oz., **65c;** 1/8 oz., **$1.10;** 1/4 oz., **$2.00;** oz., **$6.00;** 4 oz., **$18.00;** lb., **$55.00.**

Carnation

PERENNIAL 14,000 seeds oz. 68° 2-3 weeks

Large flowers, profuse bloomer. The best cutting strain.

Grenadin Golden Sun. (White Gold). Golden yellow.
King of the Blacks. Darkest red, very fine.
Red. (Cardinal), scarlet.
White
Triumph Rose. Deep pink.
Mixed. A formula blend.

Each of the above: 1/16 oz., **75c;** 1/8 oz., **$1.35;** 1/4 oz., **$2.20;** oz., **$6.60;** 4 oz., **$20.00;** lb., **$60.00.**

Grenadin Dwarf. Extra early. 15 inches.
Bright Scarlet. Double flowers of rich intense scarlet. Blooms. from seed the first year if sown early. Very uniform.
1/16 oz., **75c;** 1/8 oz., **$1.35;** 1/4 oz., **$2.20;** oz., **$6.60;** 4 oz., **$20.00;** lb., **$60.00.**

Choice Mixture. Early Vienna Type, nice range of color.
1/16 oz., **65c;** 1/8 oz., **$1.10;** 1/4 oz., **$2.00;** oz., **$6.00;** 4 oz., **$18.00;** lb., **$55.00.**

Celosia

ANNUAL 29,000 seeds oz. 68-86° 1-2 weeks

One of the finest and most colorful annuals for spring plant sales. Avoid pre-mature bloom with small flower heads by making seed sowing not sooner than 6 weeks before planting out time. Grow warm—suggest 60° nights.

CRISTATA. The popular Cockscomb type. Use the taller varieties as cutflowers, either fresh cut or dried. The dwarfs make nice pot plants in summer.

Instant Glamour **Jewel Box.** A bright mixture of all the popular Celosia colors. Dwarf compact plants, large comb-like flowers that stand up nicely above the lush green foliage. Plants are in bloom when but a couple inches high, making them ideal for early flat sales. Excellent for combinations or use in the garden border.
1/64 oz., **$1.00;** 1/32 oz., **$1.80;** 1/16 oz., **$3.25.**

Empress. Crimson combs, dark foliage. 12 in.
1/8 oz., **45c;** 1/4 oz., **70c;** oz., **$2.50;** 4 oz., **$7.50.**

Giant Rose Beauty Improved (Gilbert). Ruffled ball-shaped flower head of bright rose pink on silver base. 3-4 ft.

Gold Dust (Gilbert) Rich yellow with silvery sheen turning to deep gold or chartreuse as it matures.

Green Gold (Gilbert). Silver green fused with light pink and a touch of yellow. Bright green foliage.

Harlequin (Gilbert). Pinkish gold turning to salmon and as it matures becomes a bright shell pink.

Maple Gold (Gilbert). Blooms of attractive pink tipped yellow.
New Penny (Gilbert). Varies from deep to light pink with an overall sheen of gold deepening to brilliant copper.
Each the above 6: Originator's Trade pkt., (300 seeds). **75c.**

Toreador. Large combs, averaging 12 in. across of bright red with scarlet highlights. Stems stiff and sturdy, with luxurious bright green foliage. Excellent for bedding or cutting. Holds color well when dried, 18–20 in.
1/16 oz., **75c;** 1/4 oz., **$2.00;** oz., **$6.00;** 4 oz., **$18.00.**

Tall Sorts, Mixed.
1/8 oz., **35c;** 1/4 oz., **50c;** oz., **$1.50;** 4 oz., **$4.50.**

Dwarf Sorts. Extra choice mixed.
1/8 oz., **45c;** 1/4 oz., **70c;** oz., **$2.50;** 4 oz., **$7.50.**

PLUMOSA. The plumed or feathery type with spire-like branches coming from the base of the plant. The taller strains are useful cutflowers in late summer. Dwarf sorts are outstanding for their brilliance in the garden border where a striking effect is desired.

Forest Fire. The plumes of a brilliant fiery orange-scarlet are in striking contrast to the bronzy red foliage. Uniform in habit, very showy. 2½ ft. 1/16 oz., **50c;** 1/4 oz., **$1.35;** oz., **$4.00.**

Golden Fleece. Clear golden yellow feathery spikes on good stems. 1/16 oz., **50c;** 1/4 oz., **$1.35;** oz., **$4.00.**

Scarlet. 1/16 oz. **50c;** 1/4 oz., **$1.35;** oz., **$4.00.**

Thompsoni Magnifica Mixed. (Pride of Castle Gould Mixed.)
1/8 oz., **45c;** 1/4 oz., **70c;** oz., **$2.20;** 4 oz., **$6.00.**

DWARF FEATHER VARIETIES. An outstanding bedding plant where dwarf, strong color accent is wanted. For combinations, and pots. Very striking. 12 in.

Fire Feather. Fiery red plumes.
Golden Feather. Rich golden yellow plumes.
Feather Mixture. Our own formula blend of the above.
Each of the above 3: 1/16 oz., **50c;** 1/8 oz., **75c;** 1/4 oz., **$1.40;** oz., **$4.40.**

Cactus Seed

ANNUAL 30,000 seeds oz. 75-80° 6 weeks

Cacti can easily be grown from seed, and are becoming increasingly popular in the retail trade.

Cereus (Column-cacti). Mixed. 100 seeds, **60c;** 1000 seeds, **$4.40.**

Echinocactus (Hedgehog-cacti). Mixed. 100 seeds, **$1.35;** 1000 seeds, **$11.00.**

Mammilaria (Wart-cacti). Mixed. 100 seeds, **$1.00;** 1000 seeds, **$8.25.**

All kinds and forms mixed. 1/32 oz., **70c;** 1/8 oz., **$2.20;** 1/4 oz., **$4.00;** oz., **$12.00.**

Calendulas

ANNUAL 5,200 seeds oz. 68-86° 2-3 weeks

HEAT RESISTANT BEDDING VARIETIES

Uniformly large flowers of good formation, long straight stems and quite resistant to summer heat.

Apricot Beauty. An attractive two-toned rich apricot.

Cream Beauty. Creamy-white, shading to soft yellow.

Flame Beauty. Clear deep orange, a color identical to that of Orange King. Large blooms, somewhat crested centers make this a striking addition to the Pacific Beauty family.

Lemon Beauty. Pure lemon yellow, wide incurving petals.

Persimmon Beauty. A true persimmon-orange of unusual size and brilliance, with long graceful petals.

Pacific Beauty Mixed. A blend of above.

Each of the above 6: 1/4 oz., **50c;** oz., **$1.50;** 4 oz., **$4.50.**

GREENHOUSE FORCING VARIETIES

These improved varieties, while mainly grown in the greenhouse, can also be grown outdoors for cutting. Sow in January for spring flowering. For mid-winter cut, sow August-September.

Sensation, Vaughan's Improved (Campfire). Long stems; very double, brilliant orange flowers. The blooms are very flat in shape.

Gold. Has the same long stem and extra large, uniformly double flowers that are so well known in Orange Improved.

Lemon Queen Improved. Lemon yellow with dark eye.

Masterpiece. Extra long-stemmed, deep orange-brown center.

Each of the above 4. 1/4 oz., **50c;** oz., **$1.50;** 4 oz., **$4.50.**

Vaughan's Special Mixture for greenhouse forcing. 1/4 oz., **40c;** oz., **$1.20;** 4 oz., **$3.60.**

STANDARD BEDDING VARIETIES

Chrysantha. Incurved petals of clear buttercup yellow.

Lemon Queen Light Eye. Light golden yellow.

Orange King Select. Deep orange, dark center.

Radar. Very large, medium orange, quilled type flower. Excellent for cutting.

Each of the above 4: 1/4 oz., **50c;** oz., **$1.50;** 4 oz., **$4.50.**

Vaughan's Special Mixture of bedding varieties. 1/4 oz., **35c;** oz., **$1.10;** 4 oz., **$3.30.**

Calliopsis

ANNUAL 100,000 seeds oz. 65-75° 2-3 weeks

Dwarf Mixed. Single dwarf compact, shades of red and yellow and bicolor combinations of the same colors. 1/8 oz., **40c;** 1/4 oz., **60c;** oz., **$1.80.**

Callirhoe

PERENNIAL 7200 seeds oz. 68-86° 3-5 weeks

Involucrata. × Large crimson flowers, trailing habit, very showy, 6 in. 1/16 oz., **50c;** 1/4 oz., **$1.50.**

Canary Bird Vine

ANNUAL CLIMBER 2 weeks.

Canary yellow flower, with finely cut and fringed foliage. Does well in shade. 1/4 oz., **40c;** oz., **$1.00;** 4 oz., **$3.00;** lb., **$9.00.**

Cerastium

PERENNIAL 42,000 seeds oz. 68° 2-4 weeks

Tomentosum. (Snow in Summer) × Silvery white foliage, white flowers. 16 in. 1/8 oz., **35c;** 1/4 oz., **60c;** oz., **$2.00;** 4 oz., **$6.00.**

AN EFFECTIVE COMBINATION
CENTAUREA BLUE BOY AND BELL OF IRELAND

Candytuft

ANNUAL 9,000 seeds oz. 68-86° 1-2 weeks

Fairy Mixed (dwarf compact). 8-in. Dome-like plants, neat, dwarf and compact. The color range includes rose, pink, carmine, crimson, lavender, flesh pink and white. The uniform growth gives the appearance of a rich carpet of color. For pots and combinations. Very early. 1/8 oz., **45c;** 1/4 oz., **75c;** oz., **$2.00;** 4 oz., **$6.00.**

★**Giant Hyacinth-Flowered Select, Pure White.** This is a superior strain; it grows about 1 1/2 feet high, with enormous trusses of blooms. The best strain in existence for florists' use. Sow early in January for Mother's Day. 1/4 oz., **30c;** oz., **90c;** 4 oz., **$2.90;** lb., **$9.00.**

UMBELLATA. A spring greenhouse cutflower; sow in January, plant out 8 x 10 in. Used as a winter outdoor crop in Florida and the south of Texas. 12 in.

Alba (white) — **Lilacina** (lilac)
Purpurea (crimson) — **Rose Cardinal**
Vaughan's Special Mixture

Each of the above 5: 1/4 oz., **30c;** oz., **75c;** 4 oz., **$2.00;** lb., **$6.00.**

PERENNIAL 11,500 seeds oz. 68° 2-3 weeks

Gibraltarica. × 1 ft. Large flowers, lilac shaded to white. 1/8 oz., **30c;** 1/4 oz., **50c;** oz., **$1.50;** 4 oz., **$4.50;** lb., **$13.00.**

Sempervirens. 12 in. White. 1/8 oz., **80c;** 1/4 oz., **$1.50;** oz., **$4.50;** 4 oz., **$13.00;** lb., **$40.00.**

Centaurea

ANNUAL 6,500 seeds oz. 68-86° 3-4 weeks

CYANUS. (Bachelor Button or Cornflower) Large, fully double flower, rich colors. Long stems for cutting. May be sown outdoors just before freezing for early spring blooming. 3 ft.

Black Boy. Blackish maroon.

★**Blue Boy.** Rich deep blue, very large flowers.

★**Pinkie.** Deep pink.

Red Boy. Ruby red.

★**Rosie.** Rich rose with salmon overcast.

★**Snowman.** Best white.

Vaughan's Mixture of Super Giant Varieties.

Each of the above: 1/4 oz., **25c;** oz., **75c;** 4 oz., **$2.20;** lb., **$6.50.**

CYANUS DWARF. Compact plant covered with bloom. Foliage a tufted mass of bright green. For borders and bedding; makes a satisfactory pot plant. 10-12 in.

Jubilee Gem. Very double dark blue flower. 12 in.

Polka Dot Mixed. A full range of bright Centaurea colors.

Each of the above 2: 1/4 oz., **50c;** oz., **$1.50;** 4 oz., **$4.50.**

IMPERIALIS. Showy thistle-like blooms. 32 in.

Mixed. A complete range of color. 1/4 oz., **50c;** oz., **$1.50;** 4 oz., **$4.50.**

PERENNIAL 1,600 seeds oz. 68-86° 3-4 weeks

Montana. Cornflower blue, 24-in. 1/4 oz., **50c;** oz., **$1.50;** 4 oz., **$4.50.**

Perennial sorts mixed. 1/16 oz., **50c;** 1/4 oz., **$1.40;** oz., **$4.40.**

Cheiranthus

PERENNIAL 10,000 seeds oz. 54° 2-3 weeks

Allionii. Brilliant orange. 16 in.
¼ oz., **25c;** oz., **55c;** 4 oz., **$1.65;** lb., **$5.00.**

Chrysanthemum

ANNUAL 9,500 seeds oz. 68° 2-4 weeks

★**Carinatum Vaughan's Rainbow Mixture.** A surprising blend of entirely new shades and color combinations in Annual Chrysanthemums. The very free flowering 2 feet high plants are early blooming, coming into flower 2 months from the time of sowing, from June until September they give a truly amazing display.
⅛ oz., **40c;** ¼ oz., **70c;** oz., **$2.20;** 4 oz., **$6.60.**

PERENNIAL 60,000 seeds oz. 68° 2-4 weeks

Korean Hybrids. Seed saved from a large acreage of experimental crosses representing a wonderful range of magnificent colors. Large-flowering single and semi-double.
1/32 oz., **85c;** ⅛ oz., **$2.50;** ¼ oz., **$4.50;** oz., **$13.50.**

Cineraria

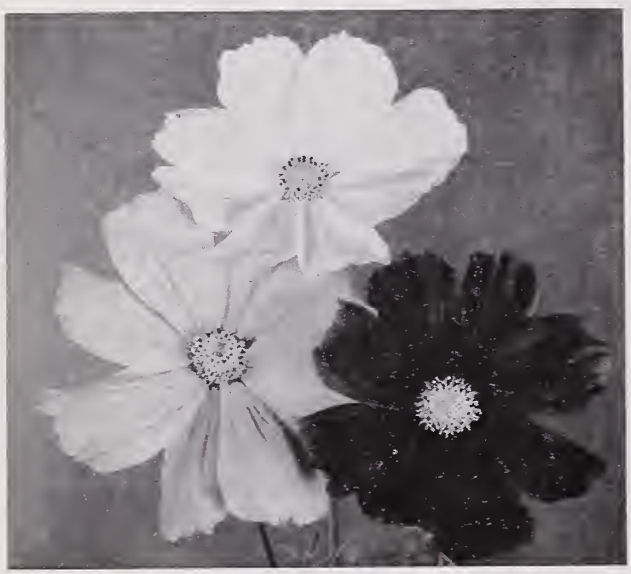
See Page 7

Clarkia

ANNUAL 100,000 seeds oz. 54-90° 1-2 weeks

This is now much planted for cutting, both in and outdoors. If grown indoors, plants must be starved. Sow in January, grow on in flats or shallow raised bench. 2 ft.

Vaughan's Special Mixture. Our own blend.
⅛ oz., **25c;** ¼ oz., **40c;** oz., **$1.20;** 4 oz., **$3.60.**



COSMOS SENSATION

Cleome

ANNUAL 13,000 seeds oz. 54-90° 1-2 weeks

★**Giant Pink Queen.** A tall and attractive border plant, with huge heads of delightful and refreshing pink. Reaches over 4 feet, well branched, airy foliage, blooming from June until frost.
⅛ oz., **40c;** ¼ oz., **65c;** oz., **$2.00;** 4 oz., **$6.00.**

Helen Campbell. A sport from the popular Pink Queen, with large glistening pure white flowers. Comes into bloom slightly earlier than Pink Queen and the flowerheads are larger.
⅛ oz., **40c;** ¼ oz., **65c;** oz., **$2.00;** 4 oz., **$6.00.**

Cobaea

ANNUAL 375 seeds oz. 68-86° 2-3 weeks

Scandens. One of the handsomest rapid growing climbers. The bell-shaped flowers turn lilac. Seed should be sown edgewise. Very vigorous and prolific bloomer.
¼ oz., **55c;** oz., **$1.70;** 4 oz., **$5.00.**

Coleus

See page 17

Convolvulus

ANNUAL 1,400 seeds oz. 65° 2 weeks

Dwarf Royal Ensign. Is deep bright ultramarine blue, the deepest and brightest color of all blue annuals. The plants are fairly covered with their attractive blossoms all summer. Use for edging and borders. ⅛ oz., **60c;** ¼ oz., **$1.00;** oz., **$3.00.**

Coreopsis

PERENNIAL 11,000 seeds oz. 68° 2-3 weeks

Double Sunburst. (Double New Gold). Large double flowers 1½ to 2 in. across. ¼ oz., **35c;** oz., **$1.10;** 4 oz., **$3.30;** lb., **$10.00.**

Corn Ornamental

ANNUAL 100 seeds oz. 65-75° 1 week

Strawberry. While this is really a "Pop Corn" its charm is in the tiny ears which are only 2 in. long and 1½ in. wide and a rich shiny mahogany color. Not unlike a gigantic strawberry. Straw-colored husks which may be bent back showing the ear.
Ounce, **40c;** 4 oz., **$1.25;** 1 lb., **$4.00.**

Calico or Indian Squaw. Multi-colored kernels for fall decorations.
Ounce, **25c;** 4 oz., **50c;** lb., **$1.50;** 10 lb., **$14.00.**

Cosmos

ANNUAL 5,000 seeds oz. 68-86° 1-2 weeks

★**SENSATION.** Very early giant flowered type. Plants grow 4 to 6 feet. Flowers are quite large, 4 to 6 inches across, with broad fluted petals which slightly overlap. A satisfactory cutflower strain, particularly well adapted to our Northern climate.

Dazzler. Crimson.

Pink. Clear rose pink.

Radiance. Deep rose with rich crimson zone.

White. Purest white.

Mixed. All the above.

Each of the above: ¼ oz., **40c;** oz., **$1.30;** 4 oz., **$4.00.**

★**Fiesta.** Brilliant flowers, gold striped scarlet. Compact plant, 2½ ft. tall. Flowers are semi-double, ruffled.
⅛ oz., **40c;** ¼ oz., **70c;** oz., **$2.20;** 4 oz., **$6.60.**

Ornamental Cotton

ANNUAL 270 seeds oz. 70° 12 days

Sown indoors, and transplanted after danger of frost is over, cotton plants develop quickly into low bushes of definite ornamental value, with lovely pink buds followed by creamy blossoms. The white bolls make winter bouquets. Regret owing to quarantine regulations cannot be sent to California. ¼ oz. **45c;** oz., **$1.40.**

CYCLAMEN PERSICUM GIGANTEUM

★Crossandra

ANNUAL 4,000 seeds oz. 75-80° 7-12 weeks

An evergreen and everblooming plant. Leaves are dark green, somewhat resembling the Laurel. The flowers vary from salmon pink to peach and flower over a long period. Valuable as a pot plant, attaining a height of 12 in. Likes heat, germinates best at from 70 to 80 degrees and under these conditions seed will germinate in three to seven weeks. 50 seeds, **$2.00;** 100 seeds, **$3.50;** 200 seeds, **$6.00.**

Cuphea

ANNUAL 7,000 seeds oz. 65-75° 2-3 weeks

★**Firefly.** A free-blooming semi-dwarf compact growing annual of deep rosy- scarlet. Makes an attractive spring pot plant.
1/16 oz., **50c;** 1/8 oz., **85c;** 1/4 oz., **$1.35;** oz., **$4.00.**

Cyclamen Persicum Giganteum

ANNUAL 2,500 seeds oz. 68° 3-4 weeks

Our Cyclamen Seed is supplied by American and European growers who have specialized in this item for many years.

From an October 1 sowing 5 inch blooming plants will be ready for Christmas of the next year. Sow November 1 for 5 inch in January and February 1 for 4 inch in January-February.

Have large specimen plants for Christmas sales by sowing June and July of the previous year.

Baardse's Wonder. Salmon with white border

Bonfire. Brilliant salmon

Bright Red

Dark Blood Red

Lavender

Pink Pearl. (Mozart). Salmon pink

Pure Rose (Deep Pink)

Pure White

Ruffled Red

Ruffled Salmon

Ruffled White

Ruffled Mixed

Saffron Red Silver Edge

Salmon Scarlet (America Improved—Orange Beauty)

Salmon-Rose Improved

Salmon Dark (Glory of Wandsbek or Pearl of Zehlendorf)

Salmon Light (Rose of Zehlendorf)

Soft Rose with Carmine Eye (Improved Rosa von Marienthal)

Victoria Improved. The bloom is fringed with a bright salmon eye and balance of petals in a lighter salmon shade getting still lighter near the fringed edge and the fringed edge is always a bright salmon.

White with Carmine Eye

White Fringed

Each of the above: 100 seeds, **$2.50;** 1000 seeds, **$20.00.**

Vaughan's Florist Mixture
100 seeds, **$2.00;** 1000 seeds, **$15.00.**

Vogt's Double Cyclamen

This strain comes about 80% true from seed.

Double Mixed. All colors. 100 seeds, **$3.75;** 250 seeds, **$7.75;** 500 seeds, **$14.00.**

Cyclamen

PERENNIAL 2,500 seeds oz. 68° 3-4 weeks

Europaeum. An outstanding rock garden plant. Blooms in July or August. The flowers are fragrant and usually of a deep rose color. Requires rich humus soil that is well drained. Seed germinates irregularly. Leaflet on culture furnished with seed.
100 seeds, **$1.10;** 250 seeds, **$2.45.**

Cynoglossum

ANNUAL 5,300 seeds oz. 68° 2-3 weeks

Blue Bird (Improved Chinese Forget-me-not). A lovely plant 18 to 24 inches tall with flowers of a rich, bright blue. May be grown either outside or under glass.
1/4 oz., **35c;** oz., **$1.10;** 4 oz., **$3.00.**

★**Firmament.** A dwarf type of the Chinese Forget-me-not. 15 to 18 in. tall, bushy, of a rich blue color.
1/4 oz., **40c;** oz., **$1.35;** 4 oz., **$4.00.**

Dahlia

See page 18

SHASTA DAISY MARCONI RESELECTED

Daisy Shasta

PERENNIAL 25,000 seeds oz. 68° 2-3 weeks

Alaska. Best white, American-grown. 40 in.
1/8 oz., **30c;** 1/4 oz., **45c;** oz., **$1.40;** 4 oz., **$4.25;** lb., **$12.00.**

★**G. Marconi Reselected** (Giant Double Shasta) In our opinion the finest of the Double Shasta Daisies. Long stems, free flowering. Blooms averaging better than 6 inches in diameter. Excellent cutflower.
1/32 oz., **55c;** 1/8 oz., **$1.75;** 1/4 oz., **$3.00;** oz., **$9.00;** 4 oz., **$27.00.**

Gloriosa Daisy

ANNUAL 51,500 seeds oz. 68-86° 2-3 weeks.

Best used and treated as an Annual, this hardy perennial withstands the heat of summer and the zero weather of winter. Excellent for mass displays in the semi-tall border and a fine cutflower.

Double Gloriosa Daisy (Rudbeckia). (All America Silver Medal 1961). Rich golden-yellow double and semi-double flowers, up to 4 1/2 inches across, a profuse bloomer on strong stems. When fully opened the rich dark velvety center provides a brilliant color contrast. We offer Originator's Seed Only. 3 ft. 1/32 oz., **85c;** 1/16 oz., **$1.50;** 1/8 oz., **$2.50;** 1/4 oz., **$4.50;** oz., **$12.00.**

Single Gloriosa Daisy. Giant blooms of bright yellow, rich mahogany and vivid bicolors in many patterns that include golden orange and gold, mahogany and bronze as well as mahogany and gold. A contrasting dark velvety center sets off the long broad petals.
1/32 oz., **50c;** 1/4 oz., **$2.50;** oz., **$7.50.**

Dahlborg Daisy

ANNUAL 2,100 seeds oz. 68°

Slow and uneven to germinate.
An attractive dwarf border annual covered with small yellow daisy-like flowers. Early, free flowering. 6 in.
1/32 oz., **50c;** 1/8 oz., **$1.50;** 1/4 oz., **$2.75;** oz., **$10.00.**

Dusty Miller

ANNUAL Seeds, see below 68-86° 2-4 weeks

Centaurea Candidissima (Dusty Miller). (7500 seeds per oz.) White leaved for bedding. 6 in.
1/8 oz., **70c;** 1/4 oz., **$1.25;** oz., **$4.00;** 4 oz., **$12.00.**

Gymnocarpa. (7500 seeds per oz.) (Tall Dusty Miller). Fine cut leaved variety with silvery foliage. 24 in. 1/8 oz., **40c;** 1/4 oz., **70c;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Cineraria Maritima Diamond (Dusty Miller).
22,000 seeds per 1/4 oz. Leaves pure white.
1/8 oz., **30c;** 1/4 oz., **50c;** oz., **$1.50;** 4 oz., **$4.50.**

Maritima Candicans. (20,000 seeds oz.). Considered the finest of the dwarf Dusty Millers. Compact, even growth, glistening white foliage. 1/8 oz., **40c;** 1/4 oz., **70c;** oz., **$2.00;** 4 oz., **$7.25;** lb., **$27.00.**

DELPHINIUM PACIFIC GIANT HYBRIDS

Delphinium

PERENNIAL 10,000 seeds oz. 54° 3-4 weeks

Pacific Giant Strain

Undoubtedly the finest strain yet introduced. Flowers of immense size, well set on strong, straight stems, do not shatter and highly mildew resistant. Delphinium like a well-drained soil, neutral in reaction. A January sowing in the greenhouse, planted out in early spring, will give a good cut that summer, with excellent production the following season.

Black Knight Series. Deep mid-night violet. The darkest of them all. Flowers of beautiful round form, with heavy velvety texture.

Blue Bird. A clear medium blue with white bee with huge tall spikes.

Blue Jay. Brilliant true medium blue with dark bee.

Cameliard Series. This is a pure lavender self, with white bee.

Galahad Series. Clear white of enormous size, individual flowers average three inches in diameter; heavy glistening texture.

Guinevere. Light pink lavender self with white bee.

King Arthur. Brilliant royal violet with large white bee.

Percival. White with contrasting black bee.

Summer Skies. Clearest light blue with white bee.

Round Table Series. As the name implies, this represents all of the color combinations of the above Knights and their Ladies.

Originator's Strain (Vetterle & Reinelt). The originator's own fine selection of the above, bred for uniformity of habit and size of flower.
Each, 1/16 oz., **$1.65;** 1/8 oz., **$3.00;** 1/4 oz., **$5.50;** oz., **$20.00.**

Regular Strain. Grown especially for us by a Delphinium specialist, one generation removed from Originator's.
Each, 1/16 oz., **$1.40;** 1/8 oz., **$2.50;** 1/4 oz., **$4.50;** oz., **$15.50.**

Pacific Giant Hybrids. A good blend.
1/8 oz., **$2.25;** 1/4 oz., **$4.00;** oz., **$12.00;** 4 oz., **$35.00;** lb., **$105.00.**

Astolat Series

A mixture of novel shades ranging from pale blush through pink, rose and lilac, with dark bees. Size and quality compare favorably with other Pacific Giant Hybrids.

Originator's Strain.
1/16 oz., **$1.65;** 1/8 oz., **$3.00;** 1/4 oz., **$5.50;** oz., **$20.00.**

Regular Strain. One generation removed from Originator's.
1/16 oz., **$1.50;** 1/8 oz., **$2.75;** 1/4 oz., **$5.25;** oz., **$18.00.**

Dianthus

See page 18

Delphinium Other Varieties

Blackmore and Langdon Strain, Mixed. Tall, graceful spikes covered with blooms. All the clear shades of blue with many delightful opaline variations, with bees of contrasting colors.
1/8 oz., **60c;** 1/4 oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00.**

Wrexham (Hollyhock) Strain Mixed. A blend of light and dark shades. Large florets on tapering spike of extraordinary length.
1/8 oz., **95c;** 1/4 oz., **$1.75;** oz., **$6.00;** 4 oz., **$18.00.**

Belladonna Light Blue Improved. (Cliveden Beauty). Light blue, large-flowered, strong grower. 4 to 5 ft.
1/8 oz., **55c;** 1/4 oz., **90c;** oz., **$3.20;** 4 oz., **$11.00;** lb., **$40.00.**

Bellamosum Improved. Large deep blue flowers, uniform in color with a white bee. 4 to 5 ft.
1/8 oz., **55c;** 1/4 oz., **90c;** oz., **$3.20;** 4 oz., **$11.00;** lb., **$40.00.**

Lamartine. Flowers of rich, deep blue with pure white eye. Sturdy vigorous plant which blooms from June until frost. 5 ft. **True Stock.**
1/16 oz., **50c;** 1/4 oz., **$1.50;** oz., **$4.50;** 4 oz., **$13.50.**

Sapphire. A rich blue distinct from Bellamosum in that it is slightly lighter in color with tiny center of golden pollen, definitely larger flowered with a brilliant sheen to the petals. The foliage is glossy dark green.
1/16 oz., **65c;** 1/4 oz., **$2.00;** oz., **$6.00.**

Chinese Delphinium

ANNUAL 20,000 seeds oz. 60-70° 2-3 weeks

A lighter more airy plant than the large heavy Delphinium. Attractive in the perennial border, a useful cut flower. Sow well in advance of other bedding plants for good bloom. Plants frequently winter-over.

Album Grandiflorum. White, 36 in.
1/16 oz., **40c;** 1/4 oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00.**

Blue. Gentian blue.
1/16 oz., **40c;** 1/4 oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00.**

Blue Mirror. Having no spurs, the bright navy-blue flowers show most effectively by their vertical position. 1½-2 ft. Blooms first year if sown early.
1/16 oz., **45c;** 1/4 oz., **$1.25;** oz., **$3.75;** 4 oz., **$11.25.**

Cambridge Blue. Rich belladonna blue.
1/16 oz., **40c;** 1/4 oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00.**

Mixed. Includes the above.
1/16 oz., **40c;** 1/4 oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00.**

Dicentra (Dielytra)

PERENNIAL Seeds, see below.

For best germination results, recommend storing seed in damp sand at a temperature below 40° fahrenheit for 6 weeks and then make seed sowing.

Eximia (Plumy Bleeding Heart). (16,000 seeds per oz.) Dwarf. 12 in.
1/16 oz., **50c;** 1/4 oz., **$1.50;** oz., **$4.50.**

Spectabilis. (Bleeding Heart). (6,000 seeds per oz.) 32 in.
1/64 oz., **$1.50;** 1/32 oz., **$2.50;** 1/16 oz., **$4.50;** 1/8 oz., **$8.00.**

Dictamnus

PERENNIAL 1,700 seeds oz. Frost germinator.

Recommend using same treatment as you do Dicentra.

Fraxinella (Gas Plant). Pink flowers with dark veins, 30 in.
1/4 oz., **75c;** oz., **$2.00;** 4 oz., **$6.00.**

Didiscus

ANNUAL 10,000 seeds oz. 68° 2-3 weeks

Coeruleus (Lavender Lace Flower). Light blue-lavender flowers freely produced on good stems. For spring forcing or grown outdoors in cool climates. 2 ft.
1/8 oz., **35c;** 1/4 oz., **60c;** oz., **$1.80;** 4 oz., **$5.50.**

Discounts on Flower and Vegetable Seeds Only

Cash or C.O.D. Under $10.00 net.
$10.00 to 25.00, 5%; 25.00 to 100.00, 8%; 100.00 to 200.00, 10%; 200.00 to 300.00, 12%; 300.00 to 500.00, 14%; 500.00 to 750.00, 16%; 750.00 and up, 22%.

Charge Orders. If paid within 30 days from date of invoice: Under $10.00, net; 10.00 to 25.00, 2%; 25.00 to 100.00, 5%; 100.00 to 200.00, 8%; 200.00 to 300.00, 10%; 300.00 to 500.00, 12%; 500.00 to 750.00, 14%; 750.00 and up, 20%.

EXACUM AFFINE

Digitalis (Foxglove)

PERENNIAL 200,000 seed oz. 68-86° 2-3 weeks

Shirley Hybrids. Mixed. Enormous flowers, rich mixture, 6 to 7 ft.
1/16 oz., **30c;** 1/4 oz., **75c;** oz., **$2.50;** 4 oz., **$7.50.**

Excelsior Mixed. The florets are carried at right angles to the stem and so reveal the full effect of the rich markings. A blend of unusual shades. 4-5 ft.
1/16 oz., **45c;** 1/4 oz., **$1.20;** oz., **$3.60.**

Vaughan's Special Mixture. 1/16 oz., **30c;** 1/4 oz., **70c;** oz., **$2.20.**

Dimorphotheca

ANNUAL 10,000 seeds oz. 68° 2-3 weeks

Aurantiaca. (Orange Daisy). Glossy golden orange flowers. 12 in.
1/16 oz., **30c;** 1/4 oz., **70c;** oz., **$2.20;** 4 oz., **$6.50.**

Aurantiaca New Hybrids. 1/16 oz., **25c;** 1/4 oz., **50c;** oz., **$1.50;** 4 oz., **$4.50.**

★**Glistening White.** 6 to 8 in. The petals of the daisy-like flower, 4 inches in diameter, glisten like white enamel. They are borne freely on low, spreading plants, like hot sun and dry weather and flower long after frost.
1/16 oz., **45c;** 1/4 oz., **$1.20;** oz., **$3.60.**

Dolichos

ANNUAL CLIMBER 148 seeds oz. 68° 6 to 8 days
Rapid growing vine with large leaves and violet-purple or white flowers in pea-like spikes.
Mixed. Purple and white. 10 ft. Oz., **50c;** lb., **$4.00.**

Doronicum (Leopard's Bane)

PERENNIAL 18,000 seeds oz. 68° 2-3 weeks
An exceedingly satisfactory spring flowering perennial of much beauty. The large daisy like flowers are fine for cutting.

Caucasicum Magnificum. Gerbera like flowers of clear yellow. Height 2 ft.
1/16 oz., **$1.40;** 1/8 oz., **$2.50;** 1/4 oz., **$4.50.**

Dracaena

ANNUAL Seeds, see below. 86° 3-4 weeks

Indivisa. (1,500 seeds per oz.) Narrow leaved.
In the Hull. 1/4 oz., **25c;** oz., **60c;** 4 oz., **$1.65;** lb., **$5.50.**
Clean Seed. (2,500 seeds per 1/4 oz.).
1/16 oz., **40c;** 1/4 oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00.**

Echinops

PERENNIAL 650 seed heads per oz. 68-86° 1-4 weeks

Ritro. (Globe Thistle). Showy thistle like plants with globular heads of deep metallic blue flowers, which can be dried as everlastings.
1/4 oz., **$1.10;** oz., **$3.30;** 4 oz., **$10.00**

Be sure to include the **INSTANT GLAMOUR** varieties when placing your order for bedding plants. All are much in demand.

Escholtzia (California Poppy)

ANNUAL 15,000 seeds oz. 68° 2-3 weeks

Mission Bells Mixed. Exquisitely formed semi-double and double flowers on dwarf compact plants. A beautiful and complete range of color from delicate pastels to deep red, including two-toned combinations. 6 in.
1/8 oz., **30c;** 1/4 oz., **50c;** oz., **$1.50;** 4 oz., **$4.50.**

Euphorbia

ANNUAL Seeds, see below. 68-86° 2-3 weeks

Heterophylla (Mexican Fire Plant). (5,300 seeds per oz.) 3 ft.
1/8 oz., **40c;** 1/4 oz., **65c;** oz., **$2.00;** 4 oz., **$6.00.**

Variegata (Snow-on-the-Mountain). (2,500 seeds per oz.). Foliage edged white and green. 2 ft.
1/4 oz., **30c;** oz., **80c;** 4 oz., **$2.40.**

PERENNIAL 8,700 seeds oz. 68-86° 2-3 weeks

Polychroma. The flowers are bright yellow changing to a rosy bronze. 15 to 18 in.
1/32 oz., **85c;** 1/16 oz., **$1.50;** 1/4 oz., **$5.00.**

Exacum

ANNUAL 15,000 seeds 1/64 oz. 68-86° 2-3 weeks

Affine. An excellent greenhouse pot plant with sweetly scented bright mauve flowers. Can be flowered in 6 months from sowing. 9 in. Trade pkt. (2,000 seeds), **$1.25;** 1/128 oz., **$3.20;** 1/64 oz., **$6.00.**

FLAME VIOLETS

Flame Violets (Episcia Mixture)

ANNUAL 750,000 seeds oz. 85° 3-4 weeks

An attractive and interesting pot plant. Brilliantly colored foliage ranging from deep shiny green through soft hairy brown, brown veined with green or silver to silver with rust markings. The flower colorings are bright and will show rich shades of red, orange-red and scarlet, as well as a fringed white. Easily grown, seed germinates readily. Handle as you would Gloxinia or African Violets.
50 seeds, **$1.75;** 100 seeds, **$3.00;** 200 seeds, **$5.00.**

Freesias

ANNUAL 3,000 seeds oz. 54° 4-6 weeks

Sow seed in cold frame in the middle of May, covering with sash for about three weeks or until plants are up, gradually removing sash so plants become accustomed to air. The bulbs can be lifted by the middle of September. They will bloom in January.

Rainbow Hybrids. Colored varieties.
1/16 oz., **80c;** 1/4 oz., **$2.50;** oz., **$7.50.**

Vaughan's De Luxe Mixture. Extra large blooms in a complete range of color and color combinations. Good stems for cutting.
1/16 oz., **$1.10;** 1/8 oz., **$2.00;** 1/4 oz., **$3.60.**

Fuchsia

ANNUAL 70,000 seeds oz. 68-86° 4-6 weeks

Superb Mixture. An outstanding mixture of double and single varieties. 250 seeds, **$3.50;** 500 seeds, **$5.50;** 1000 seeds, **$10.00.**

Gaillardia

ANNUAL 15,000 seeds oz. 68° 2-3 weeks

Easily grown annual, mostly bicolored blooms, in various shades of yellow, orange, red and maroon.

★**Sunshine.** Harmonious blend of colors ranging from almost self red with but slight, though sharply contrasting yellow tipping, some flowers are a pure self yellow. Fully double blooms on stiff stems. 2½ ft. tall. ⅛ oz., **45c;** ¼ oz., **75c;** oz., **$2.50;** 4 oz., **$7.50.**

Indian Chief. The single flowers of deep coppery scarlet are accentuated by a dark brown center. Dense bushy plants. 12 in. Free flowering.
⅛ oz., **25c;** ¼ oz., **40c;** oz., **$1.20;** 4 oz., **$3.50.**

Gaillardia Grandiflora

PERENNIAL 10,000 seeds oz. 68° 2-3 weeks

Reliable hardy perennials with bright bicolored blooms averaging 2½ to 3½ inches in diameter.

★**Burgundy.** Self colored wine-red flowers, 2½ inches in diameter, on long stiff stems, from June until fall. Comes 60% to 70% true, 30 in. ⅛ oz., **45c;** ¼ oz., **75c;** oz., **$2.50;** 4 oz., **$7.50.**

Dazzler. (Portola Hybrids). Large flowers of bright golden yellow with a brilliant scarlet copper hued center. A strikingly brilliant contrast in color. Excellent for cutting. 3 ft.
⅛ oz., **35c;** ¼ oz., **55c;** oz., **$2.00;** 4 oz., **$6.00.**

Goblin. Very compact globular plants, red and yellow bicolor.
⅛ oz., **45c;** ¼ oz., **75c;** oz., **$2.50;** 4 oz., **$7.50.**

Monarch Strain. A robust strain very varied in coloring and with flowers of giant size and perfect form.
⅛ oz., **35c;** ¼ oz., **55c;** oz., **$2.00;** 4 oz., **$6.00.**

Sun. Rich sun-gold yellow flower on long strong stem. Flowers average 4 inches across. A good cutflower strain.
⅛ oz., **35c;** ¼ oz., **55c;** oz., **$2.00;** 4 oz., **$6.00.**

GERBERA NEW HYBRIDS

Gerbera

PERENNIAL 7,250 seeds oz. 68° 2-3 weeks

Best germination will result if seed is sown on top of soil, covered lightly with peat or a similar material. Keep slightly moist for the first 4 or 5 days and increase moisture heavily thereafter. Germination will usually begin in 7 to 9 days and is completed in from 14 to 21 days.

New Hybrids. A specialist's selection containing many full-duplexed flowers in a greatly improved range of color. This popular greenhouse forcing perennial is fine for cutting. Harvested at intervals during the year, new crop seed is always available.
100 seeds, **70c;** 500 seeds, **$3.00;** 1,000 seeds, **$5.50.**

Geraniums

ANNUAL 6,200 seeds oz. 54-90° 1-6 weeks

Slow and uneven to germinate. Sow early for Summer blooms.

Zonale Large Flowering Mixed. Single large flowers in a wide range of color. This seed will germinate irregularly in from 14 days to two months. The plants may be lifted as they reach suitable size, but the seed box should not be disturbed until germination has ceased.
1/16 oz., **90c;** ¼ oz., **$3.00;** oz., **$9.00;** 4 oz., **$27.00.**

GEUM

Geum

PERENNIAL 7,000 seeds oz. 68-86° 3-4 weeks

Winter-hardy with some protection, these fine perennials are excellent cutflowers.

Lady Stratheden. (Golden Ball). The blooms are large double rich golden yellow. 2 ft.
1/16 oz., **30c;** ¼ oz., **80c;** oz., **$2.90;** 4 oz., **$9.00.**

Mrs. Bradshaw. Large double fiery orange red. 2 ft.
1/16 oz., **30c;** ¼ oz., **80c;** oz., **$2.90;** 4 oz., **$9.00.**

Globe Amaranth

ANNUAL 5,500 seeds oz. 68-86° 2-3 weeks

GLOBOSA. A showy garden annual, the taller varieties make excellent cutflowers, either dried for winter bouquets or as fresh flowers. Does well in hot, dry locations.
Rubra (red-purple). 18 in.
Orange (Haageana). 2 ft.
Each the above 2:
¼ oz., **50c;** oz., **$1.50;** 4 oz., **$4.50.**
Mixed. Includes red-purple, orange, white and pink.
¼ oz., **35c;** oz., **$1.00;** 4 oz., **$3.00;** lb., **$9.00.**

Buddy (Dwarf). Excellent for pot plants and edging. Uniform ball-shaped plants 5 inches tall with vivid purple blooms.
¼ oz., **65c;** oz., **$2.20;** 4 oz., **$6.50.**

Godetia

ANNUAL 46,000 seeds oz. 68° 2-3 weeks

Plant in rather poor soil. They thrive in cool weather under moist conditions. Treat these as suggested for Clarkia.

Tall Double Grandiflora

Mixed. Gladiolus-like flowers in long trusses; excellent for cutting. 2 ft. ⅛ oz., **25c;** ¼ oz., **40c;** oz., **$1.20;** 4 oz., **$3.50.**

Grevillea

ANNUAL 3,000 seeds oz. 68-86° 2-3 weeks

Robusta (Silk Oak). Excellent fern-like foliage plant for combination pots and baskets for fall and winter. Sow in early spring. Well grown single specimens make fine pot plants.
⅛ oz., **75c;** ¼ oz., **$1.25;** oz., **$4.00;** 4 oz., **$12.00;** lb., **$45.00.**

Hearts and Honey Vine

ANNUAL 900 seeds oz. 68-86° 2-3 weeks

The flowers are 2 inches across and 2 inches deep, changing in color from pinkish orange to rose pink in a single day. Jaggedly cut leaves of deep clear green. Long season of bloom.
¼ oz., **90c;** oz., **$2.70.**

Helianthus

ANNUAL 650 seeds oz. 68-86° 2-3 weeks

Sun Gold (Sunflower). 4 to 5 ft. Brilliant golden yellow, full-double Chrysanthemum-like flowers. Free blooming. Excellent for cutting.
¼ oz., **35c;** oz., **$1.00;** 4 oz., **$3.00;** lb., **$9.00.**

Gloxinia Hybrida

ANNUAL 24,000 seeds ½₂ oz. 68-75°

Gloxinias are easily grown from seed. A December sowing (70° with no soil covering for best germination) carried through winter at 65° should result in good 4 and 5 inch blooming plants for June. Light shade recommended for winter, heavier shade as days become brighter. Water with care, never let plants dry out. A potting soil of ⅓ peat, ⅓ sand and ⅓ light organic soil suits the Gloxinia. Val-Peat and Jiffy Pots fit in fine here for the first transplanting.

★**Anja Egels.** Brilliant scarlet red. The flowers of good size are freely produced on compact plant. Flexible well-shaped leaf. Outstanding in that it is a solid color.

Emperor Frederick. Dark scarlet, white margin.

Emperor William. Dark violet, white margin.

Marveille. White edged flowers of brilliant red, very free flowering with flexible dark leaves. An "Improved Emperor Frederick." Trade pkt., **$1.50.**

Rose Sensation. Brilliant carmine rose with ivory throat, large flowers produced in abundance and flexible well shaped leaf make this one of the best. Originator's Trade pkt., **$1.50.**

Swiss Emblem. (Hybrid Gigantea). Brilliant scarlet red with white margin. Originator's Trade pkt., **$1.50.**

Spotted and Stained Choice Mixture.

French Hybrids. A mixture of the finest varieties.

Gigantea Finest Mixed. Superb class of giant size and rich colors.

Each of the above, except as noted, Trade pkt. (1000 Seeds) **$1.25.**

★**Velvet Queen.** Very large ruffled violet red flower, plants are compact. One of the finest. Trade pkt. (1000 Seeds) **$4.00.**

★**Vaughan's Columbian Mixture.** Our **Formula Mixture.** from the choicest spotted, tigered, edged, marbled and splashed sorts of the upright and horizontal type.
Trade pkt. (1000 seeds) **$1.25.**

Ornamental Gourds

An increasingly important addition to the florists' list, as evidenced by the demand in retail stores. Cultural directions and instructions for preparing the fruit with each order if asked for at time of ordering.

SMALL FRUITED

ANNUAL 500 seeds oz. 68-86° 2-3 weeks

Apple-Shaped.

Bottle, Miniature.

Crown of Thorns.

Flat Striped. Green and white stripes.

Nest Egg. Practical nest eggs.

Orange. The well-known Mock Orange.

Pear-Shaped. Green and white.

Pear-Shaped. White.

Pear-Shaped. Striped yellow and green.

Spoon. Small ball-shaped fruit with slender neck, deep orange.

Warted Sorts Mixed.

Small Fruited Varieties Mixed.

Each of the above: ¼ oz., **30c;** oz., **90c;** 4 oz., **$2.70;** lb., **$8.00.**

LARGE FRUITED

ANNUAL 150 seeds oz. 68-86° 2-3 weeks

Bottle. Large. The original Thermos bottle. Makes fine bird houses.

Dipper. Fruit makes an excellent dipper.

Hercules Club. Fruits average 3 to 4 ft. in length.

Turk's Turban. Ornamental, brightly colored.
Each of the above 4: ½ oz., **50c;** oz., **90c;** 4 oz., **$2.70;** lb., **$8.00.**

Dish Cloth. The spongy-like, porous pulp may be dried and used as a sponge. ½ oz., **80c;** oz., **$1.50;** 4 oz., **$4.50;** lb., **$13.50.**

Large Fruited Sorts Mixed.
½ oz., **50c;** oz., **90c;** 4 oz., **$2.70;** lb., **$8.00.**

Vaughan's Special Mixture. All shapes and sizes of these interesting fruits so fashionable for ornaments, bird houses and utensils, are included in this mixture.
¼ oz., **40c;** oz., **$1.20;** 4 oz., **$3.60;** lb., **$11.00.**

Helianthemum

PERENNIAL 15,000 seeds oz. 68-86° 2-3 weeks

Mutabile × Mixed Colors. (Rock Rose.) Low-growing evergreen plants forming large clumps, completely covered with bloom during July and August. 8 to 12 in.
⅛ oz., **35c;** ¼ oz., **60c;** oz., **$1.80.**

Gypsophila

ANNUAL 25,000 seeds oz. 68° 2-3 weeks
An easily grown, free flowering annual. Most desirable for cutting.

★**Elegans Grandiflora White. Special Florist strain.**
Oz., **30c;** 4 oz., **85c;** lb., **$2.50;** 5 lb., **$10.00.**

Carminea. Deep Rose.
⅛ oz., **25c;** oz., **$1.20;** 4 oz., **$3.60.**

Crimson. ⅛ oz., **25c;** oz., **$1.20;** 4 oz., **$3.60.**

PERENNIAL 34,000 seeds oz. 68° 2-3 weeks
One of the daintiest of flowers. Blooms all summer. The taller sorts make fine cutflowers while the dwarf varieties are excellent for edgings or use in the rock garden.

Oldhamiana. Great tangles of airy, misty-blooms in pink shades. The florets are slightly more than a quarter of an inch in diameter and possess a white throat. Blooms in fall. The foliage is silvery overcast. 1/16 oz., **30c;** ¼ oz., **75c;** oz., **$2.50.**

Pacifica. Starry pink blossoms on branching panicles. Good cut flower. Sept. and Oct. 4 ft.
1/16 oz., **45c;** ¼ oz., **$1.25;** oz., **$3.75.**

Paniculata White. Small single white flowers in great profusion, useful for cutting. 40 in.
⅛ oz., **25c;** oz., **$1.00;** 4 oz., **$3.00;** lb., **$9.00.**

Snow-White Double. Pure white double strain. 2 ft.
1/16 oz., **50c;** ¼ oz., **$1.50;** oz., **$5.00.**

Repens Rosea × Pink flowers. Good rock or border plant.
1/16 oz., **35c;** ¼ oz., **80c;** oz., **$2.70.**

HELICHRYSUM DOUBLE MIXED

Helichrysum

ANNUAL 45,000 seeds oz. 68-86° 2-3 weeks
Most widely used for drying and winter bouquets. The popular double Strawflower.

Double Mixed. Our own formula blend. Includes all the most popular colors.
⅛ oz., **30c;** ¼ oz., **40c;** oz., **$1.40;** 4 oz., **$4.20.**

Heliotrope

ANNUAL 50,000 seeds oz. 68-86° 3-4 weeks
Will bloom from seed in four months.

★**Marine.** Large flower umbels, 12 to 15 in. across, of darkest navy blue with rich dark foliage. Early flowering and quick growing, it is especially recommended for bedding and pots. Very fragrant. 1½ ft., 1/64 oz., **50c;** 1/16 oz., **$1.50;** ¼ oz., **$4.50.**

Mammoth Flowered Mixed.
1/16 oz., **35c;** ¼ oz., **85c;** oz., **$2.75.**

Regale Dwarf Mixed. A fine mixture of dwarf sorts.
1/16 oz., **40c;** ¼ oz., **$1.10;** oz., **$3.30.**

Helleborus

PERENNIAL 3,600 seeds oz.

For best germination results, store seed in damp sand at a temperature below 40 degrees fahrenheit for six weeks and then sow.

Niger. Christmas Rose. Seed germinates very slowly. 15 in.
⅛ oz., **70c;** ¼ oz., **$1.20;** oz., **$3.60.**

Hemerocallis

PERENNIAL A frost germinator.

For best results store seed in damp sand at a temperature below 40 degrees fahrenheit for six weeks and then sow.

Peerless Blend. A mixture of high merit. Seeds saved from ten botanical species, also from the fine hybrid seedlings. This blend will give a wide color range of excellent Day Lilies.
100 seeds, **45c;** 500 seeds, **$2.00;** 1,000 seeds, **$3.75.**

Hesperis

PERENNIAL 15,000 seeds oz. 68-86° 3-4 weeks

Matronalis. (Sweet Rocket.) Sweet scented purple flowers in showy spikes. 40 in.
¼ oz., **35c;** oz., **$1.10.**

Matronalis Alba. Sweet scented white flowers.
¼ oz., **35c;** oz., **$1.10.**

Heuchera

PERENNIAL 750,000 seeds oz. 68-86° 2-3 weeks

Bell-shaped flowers about ½ inch long with prominent coral colored calyx.

Sanguinea Splendens. Bright scarlet-crimson, true. Excellent for cutting.
1/64 oz., **65c;** 1/16 oz., **$2.00;** ⅛ oz., **$3.50.**

Hybrida Grandiflora Mixed. 30 in.
1/64 oz., **65c;** 1/16 oz., **$2.00;** ⅛ oz., **$3.50.**

Hibiscus

PERENNIAL 4,000 seeds oz. 68-86° 2-3 weeks.

Large showy single flowers, hollyhock-like in appearance. In shades of pink, red and white with crimson eye. Flowers the first year.

Mallow Marvels Mixed. 4 ft.
⅛ oz., **45c;** ¼ oz., **75c;** oz., **$2.00;** 4 oz., **$6.00.**

Avalon Hybrids. One of the newer hybrid strains. Flowers, mostly bell-shaped, range in color from blush through pink, rose and vivid reds. Distinctive foliage. Long season of bloom. 3 ft.
⅛ oz., **75c;** ¼ oz., **$1.35;** oz., **$4.00;** 4 oz., **$12.00.**

Hollyhocks

ANNUAL 3,500 seeds oz. 68° 2-3 weeks

Triumph Supreme. Large fully double blooms in a range of interesting delicate color tones. Many are attractively fringed and frilled. We suggest treating this as an annual—sown indoors in February and set out in Spring, you will have bloom the same Summer.
⅛ oz., **60c;** ¼ oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00.**

PERENNIAL 3,500 seeds oz. 68° 2-3 weeks

A well-known popular perennial. 4 to 5 ft.

Chater's Double Separate Colors.

Deep Rose (Carmine rose)
Lilac Beauty
Newport Pink
Salmon Rose
Scarlet (Blood Red)
White
Yellow

Each of above. ⅛ oz., **40c;** ¼ oz., **65c;** oz., **$2.00.**

Chater's Prize Double Mixed.
⅛ oz., **40c;** ¼ oz., **65c;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Vaughan's Special Mixture includes all Doubles, Imperator, Triumph and Allegheny.
⅛ oz., **40c;** ¼ oz., **65c;** oz., **$2.00.**

Hunnemannia

ANNUAL 7,000 seeds oz. 68° 2-3 weeks

Sunlite. Double bright canary-colored flowers. Gray-green foliage. A good cutflower item. 2 ft.
⅛ oz., **30c;** ¼ oz., **45c;** oz., **$1.40.**

Impatiens

See page 19.

Incarvillea

PERENNIAL 6,000 seeds oz. 68° 1-2 weeks

Grandiflora Brevipes. Large brilliant crimson rose flowers, 2 ft.
1/16 oz., **65c;** ¼ oz., **$2.00;** oz., **$6.00.**

Ipomoea

ANNUAL 650 seeds oz. 68-86° 1-3 weeks

Showy annual climbing vines of easy culture. Recommend growing in soil of low-fertility taking care not to over-water. To insure a profusion of bloom, pot or band seedlings about 1 week after germination to avoid transplanting shock. Cracking seed coat with a knife may increase and assist germination.

Single Best Fringed Mixed.
¼ oz., **30c;** oz., **90c;** 4 oz., **$2.70;** lb., **$8.00.**

Noctiflora (Moonflower). White seeded.
½ oz., **40c;** oz., **70c;** 4 oz., **$2.00.**

★**Clarke's Early-Flowering Heavenly-Blue.** The improved clear blue early-flowering strain. Fine pot plant item. Sow in 4 inch pots and stake. Flowers when about 2 ft. high (6 weeks).
½ oz., **40c;** oz., **75c;** 4 oz., **$2.20.**

Flying Saucers. Large blooms of bright blue and powdery white. The stripe-color pattern creates an actual illusion of whirling motion. ¼ oz., **90c;** oz., **$2.70.**

★**Pearly Gates.** A large flowered satiny white, with a creamy shading in the throat. Reaches 12 feet with luxurious foliage.
¼ oz., **35c;** oz., **$1.00;** 4 oz., **$3.00.**

★**Scarlett O'Hara.** Flowers are a carnelian red, sometimes called carmine, self color about 3½ inches across. Stays open longer than other sorts. Foliage is quite distinct, each leaf having one large and two small side lobes.
¼ oz., **40c;** oz., **$1.10;** 4 oz., **$3.25.**

Iris

PERENNIAL 7,000 seeds oz. 54°

For best results, store seed in damp sand at a temperature below 40 degrees fahrenheit for six weeks and then sow.

Avalon Blend. Interesting and unusual selections, mostly from named and hybrid sorts.

Dichotoma, August or Vesper Iris. Fragrant flowers on tall branching sprays. In bloom from July to early September. Variable in color, cream to violet purple with markings of buff, orange, copper, brown, mahogany, and rose. Sow seed in early spring or late fall while soil is cool. Usually a fair proportion will bloom the first summer.

Kaempferi Mixed. A choice exhibition strain which will flower second year after sowing.
Each above 3: 1/16 oz., **45c;** ¼ oz., **$1.25;** oz., **$4.00.**

Giant Bearded (German) (435 seeds oz.). From a specialist's collection, all show a remarkable range of variable color. Bright self hues with pastel harmonies.
⅛ oz., **$1.00;** ¼ oz., **$1.75;** oz., **$5.00.**

★Jacaranda

ANNUAL 86° 2-4 weeks

Mimosaefolia. A tree in subtropical regions with foliage as finely cut as a fern, symmetrical and elegant. Showy blue or violet flowers valuable in the north for conservatory decorations or subtropical bedding. Young plants make attractive pot plants.
100 seeds, **60c;** 1,000 seeds, **$5.00.**

KALANCHOE YELLOW DARLING

RED RAINBOW

PINK RAINBOW

Vaughan's Rainbow Coleus

The Brightest, Best-Selling Foliage Plants

ANNUAL 3,500 seeds 1/32 oz. 68–86° 2–3 weeks

There is a marked increase in the demand for this brilliantly colored, always popular foliage plant. Much used in combinations, the Coleus has proven its value as a bedding plant in shady locations. Our strain contains the brightest color selections and is grown for us by a specialist who understands the need of the most critical grower. All our seed is Greenhouse Grown.

Coleus are easily grown from seed. 3-inch pot plants are ready in 3 months or less, when grown at 65 degrees. Give full sun in winter and light shade in spring in the greenhouse. Full sun is required when grown as a pot plant in the house. In the garden it thrives in either partial or full shade.

Rainbow Mixture. Regular Strain. A good range of color but not so bright or richly colored as our Greenhouse Grown Strain. 1/128 oz. **75c;** 1/32 oz., **$1.80;** 1/16 oz., **$3.25.**

Candidum. A brilliant green and soft ivory, blending well with other colors. Showy when used in combinations.

Golden Rainbow. The rich old-gold under tone is flecked with green. Combined with red, it provides interesting contrast.

Pink Rainbow. Rich coral-pink shading to salmon. The small green border further emphasizes the bright color. Medium sized leaf.

Red Rainbow. Medium sized leaves of deep mahogany-red and bright carmine-rose edged green. A bright combination. Very showy.

Scarlet Rainbow. Brilliant scarlet-red with narrow green edge. Color brilliance is at its best when plants are of a size to use in combinations. Tends to darken as plants develop and grow larger.

Velvety Rainbow. Brilliant blood-red with deeper velvety overtone. This striking color causes much comment.

Above 6 Separate Colors, Each: 1/128 oz. **$1.75;** 1/64 oz., **$2.75;** 1/32 oz., **$5.25;** 1/16 oz., **$10.00.**

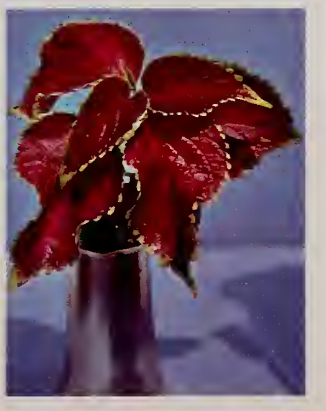
Instant Glamour

Vaughan's Rainbow Mixture. Our **Greenhouse Grown Strain** combines a wide range of brilliant richly colored medium to large leaves with a plant that is vigorous yet of uniform compact habit. Rich yellows, pinks, reds in all color tones and shades. Ideal for combinations, shade plantings or use wherever a bit of bright color is desired. 1/128 oz. **$1.60;** 1/64 oz., **$2.60;** 1/32 oz., **$5.00;** 1/16 oz., **$9.00;** 1/8 oz., **$15.00;** 1/4 oz., **$27.00.**

CANDIDUM

VELVETY RAINBOW

GOLDEN RAINBOW



SCARLET RAINBOW

DAHLIA EXTRA DWARF Double Mixed

Dahlia

ANNUAL 3,000 seeds oz. 68-86° 2-3 weeks
Wide variation in colors and types makes Dahlias from seed interesting to grow. Easily grown from seed, they should be started well in advance of other Annuals for maximum first year bloom. The dwarf types are particularly adaptable to outdoor bedding while the Extra Dwarf Double Mixed and Unwin make fine pot plants.

Double Cactus-Flowered. Extra choice mixed.
⅛ oz., **$1.40;** ¼ oz., **$2.50;** oz., **$7.50;** 4 oz., **$22.50.**

Lilliput Mixed (Pompon). ⅛ oz., **$1.40;** ¼ oz., **$2.50;** oz., **$7.50;** 4 oz., **$22.50.**

Vaughan's Special Double Mixed. Large flowers in a choice range of color. 5 ft., ⅛ oz., **45c;** ¼ oz., **70c;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Unwin's Dwarf Hybrids. Graceful double blooms in a wide range of color. A January sowing provides 3 and 4 inch flowering pot plants in May. For blooming plants in June, sow in March.
⅛ oz., **45c;** ¼ oz., **75c;** oz., **$2.50;** 4 oz., **$7.50;** lb., **$22.50.**

Instant Glamour

Extra Dwarf Double Mixed (Exhibition Strain). An extra dwarf early Dahlia. Color range includes soft pastels as well as rich shades of crimson, scarlet and bronze. Compact bushy plants. 20 in.
⅛ oz. **80c;** ¼ oz., **$1.35;** oz., **$4.00;** 4 oz., **$12.00.**

DIANTHUS BRAVO

Instant Glamour

Dianthus Bravo. Silver Medal All America 1962. Brightest scarlet-red Dianthus. Lightly fringed blooms averaging 1½ inches across, carried well above the foliage. Plants are upright yet dwarf and compact. For edging and border. Start with early Petunias and have blooming plants for Spring sales. Grow some in Val Peat and Jiffy Pots for easy handling. We supply Introducer's seed.
1/32 oz., **90c;** 1/16 oz., **$1.65;** ⅛ oz., **$2.75;** ¼ oz., **$5.00;** oz., **$15.00;** 4 oz., **$45.00.**

Dianthus Plumarius—Clove Pinks ×

PERENNIAL 28,000 seeds oz. 68° 2-3 weeks

Cyclops. Red Hybrids.
1/16 oz. **40c;** ¼ oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00.**

Highland Rose Hybrids. Beautiful and varied mixture, especially noted for their fragrance and long flowering.
1/16 oz. **45c;** ¼ oz., **$1.25;** oz., **$4.00.**

Spring Beauty. Double giant carnation-like flowers in a beautiful color range. Very fragrant. 1/16 oz., **50c;** ¼ oz., **$1.50;** oz., **$5.00;** 4 oz., **$15.00;** lb., **$54.00.**

Vaughan's Special Mixture.
1/16 oz. **40c;** ¼ oz., **$1.20;** oz., **$3.60;** 4 oz., **$10.75.**

Dianthus Barbatus—Sweet William

Spicily fragrant flowers, dense clusters of brightly colored blooms. These perfectly hardy Sweet William bloom the second season from seed. At their best in early June.

Double Dwarf Midget Mixed. 1/16 oz., **40c;** ¼ oz., **$1.00;** oz., **$3.00.** 4 oz., **$9.00;** lb., **$27.00.**

Dwarf Dark Crimson. A free flowering selection of Double Sweet William. 1/16 oz. **50c;** ¼ oz., **$1.50;** oz., **$4.50.**
Giant Flowered Mixed.
⅛ oz. **35c;** oz., **$1.50;** 4 oz., **$4.50;** lb., **$13.50.**

Single Blood-red (Atrosanguineus).
Giant White. Enormous trusses of bloom. Fine for cutting.
Homeland. Dark red, sharply defined clear white center.
Newport Pink. Salmon-pink.
Scarlet Beauty. Scarlet.
Mammoth Flowered Single Mixed.

Each of the above: 1/16 oz. **35c;** ¼ oz., **90c;** oz., **$2.70.**

Indian Carpet (Single Dwarf Midget Mixed). Dense heads of single blooms, wide color range, compact plant. Use in the border or as a spring pot plant. 4 in. 1/16 oz., **50c;** ¼ oz., **$1.50;** oz., **$5.00;** 4 oz., **$15.00;** lb., **$45.00.**

Vaughan's Special Mixture. Our own blend of double and single varieties. 1/16 oz., **40c;** ¼ oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00;** lb., **$27.00.**

Dianthus—Sorts

PERENNIAL 200,000 seeds oz. 68-86° 2-3 weeks

Deltoides (Maiden Pink). Brilliant carmine-rose small single flowers in great profusion, excellent low border plant. 9 in.
1/16 oz. **35c;** ¼ oz., **$1.00;** oz., **$3.00.**

Loveliness. Wide color range and misty effect of petals provides a mass of color in the border. Fragrant.
1/64 oz. **80c;** 1/16 oz., **$2.50;** ¼ oz., **$7.50.**

Best Rock Work Species Mixed ×.
1/16 oz. **60c;** ⅛ oz., **$1.00.**

Dianthus—Annual Pinks

ANNUAL 26,000 seeds oz. 68° 2-3 weeks
Showy free flowering annual for bedding, cutting and flats.

Brilliant Mixed. Flowers of rich crimson, cerise, pink and white.
1/16 oz. **35c;** ¼ oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00.**

Heddensis Finest Mixed. Rich Dianthus colors including salmon.
1/16 oz. **35c;** ¼ oz., **80c;** oz., **$2.50;** 4 oz., **$7.50.**

Heddensis Westwood Beauty. Variable red shades. Large single bloom, long stem. Tolerant to heat. 1/16 oz., **30c;** ¼ oz., **70c;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Double Gaiety (Laciniatus). Brilliant colors that include salmon and rich red shades.
1/16 oz. **30c;** ¼ oz., **75c;** oz., **$2.50.**

Vaughan's Special Mixed, Double and Single Pinks.
⅛ oz., **30c;** ½ oz., **75c;** oz., **$1.30;** 4 oz., **$4.00;** lb., **$12.00.**

Vaughan's Special Mixture, Double Pinks.
⅛ oz. **35c;** ½ oz., **80c;** oz., **$1.40.**

Sweet Wivelsfield. A hardy annual of wonderful colorings. The flowers are larger than Sweet William and borne in trusses. A cut flower of lasting quality and a fine bedding plant.
Single Mixed. ¼ oz., **35c;** oz., **$1.10;** 4 oz., **$3.30;** lb., **$10.00.**
Double Mixed. ⅛ oz., **40c;** ¼ oz., **70c;** oz., **$2.50;** 4 oz., **$7.50.**

Wee Willie (Annual Sweet William). An extra dwarf strain in rich shades of red. Flowers early and quickly, over a long season. For spring bedding plant sales (blooms in 6 to 8 weeks from seed). Plant thickly in garden border for best results. 3 in.
1/16 oz. **60c;** ¼ oz., **$1.80;** oz., **$5.40;** 4 oz., **$19.00.**

PINK BABY

WHITE BABY

Impatiens

ANNUAL 65,000 seeds oz. 70-75° 2-4 weeks.

All too frequently the Impatiens is overlooked by the annual bedding plant grower. There is no finer annual for the shady location. Grown in full or partial shade, the dwarf varieties attain approximately the size of bedding Petunias. The plants are covered with bloom and the intense coloring is seldom equaled by other bedding plants.

For bedding purposes, use the dwarf strains which seem to retain their growth habit even in the late season. Temperature variation seems to have little effect on the Impatiens. Grow them from seed, they are free flowering and can be depended on to give satisfaction. Earliness makes the Impatiens readily adaptable to flat and Val-Pac growing. 2¼ to 3 inch plants for spring bedding sales are available from a January sowing, while dwarf varieties sown in August will produce excellent blooming pot plants in November and December.

Impatiens like heat and moisture, suggest 70° minimum for best germination results and keep moist.

Dwarf Impatiens

The new "Baby" strain has been selected for its dwarf compact habit, rich color tones, abundance of bloom and low spreading habit.

Orange Baby. Uniform and flat variety with bright orange-scarlet flower. 6 in.

Pink Baby. The delicate pink flower blends well with the darker shades. Color and habit comparable to Pink Sprite.

Scarlet Baby. Bright scarlet with rich bronze-green leaf and dark stem.

Each of the above 3: 1/128 oz., **$1.50;** 1/32 oz., **$3.50;** 1/16 oz., **$6.50;** 1/8 oz., **$12.00.**

White Baby. Pure white flower with clear green leaf. Plant habit and flower size and color similar to Pixie White.
1/128 oz., **$2.25;** 1/32 oz., **$6.25;** 1/16 oz., **$11.50;** 1/8 oz., **$21.00.**

Instant Glamour

Baby Mixed. Ours is a well-balanced blend which includes all popular colors in this newest dwarf strain. 1/128 oz., **$1.50;** 1/32 oz., **$3.50;** 1/16 oz., **$6.50;** 1/8 oz., **$12.00.**

Beauty of Klettgau. Brilliant fire-scarlet red changing to deep salmon-orange. Compact plant, light green leaf. Very free flowering. 6 in.

Blaze. Bright orange-scarlet with contrasting deep bronze leaf. Plants of dwarf spreading habit. 6 in.

Each of the above 2: 1/128 oz., **85c;** 1/32 oz., **$2.50;** 1/16 oz., **$4.00;** 1/8 oz., **$7.20;** ¼ oz., **$13.00.**

TALL IMPATIENS

Tall Varieties Choice Mixed. A bright mixture that includes shades of lilac, carmine, salmon pink and scarlet. 9 to 12. in 1/64 oz., **40c;** 1/16 oz., **$1.10;** 1/8 oz., **$1.90;** ¼ oz., **$3.50.**

ORANGE BABY

SCARLET BABY

Annual Larkspur

ANNUAL 8,500 seeds oz. 54° 3-4 weeks

Larkspur does not germinate well in hot weather and we recommend chilling seed for several days in an ice box (45°-50°) if sowing must be made in summer heat.

For growing under glass to follow late Mums, we recommend a planting in late December to early January, and band or pot the seedlings. Plants are spaced 10 x 10 in. on raised benches and grown at 45°-50°.

Direct ground sowing will bring Larkspur into crop in early spring. From an August 15th to September 15th sowing, seedlings will be of sufficient size to winter over if given a light mulch. Another method is to sow seed in late October to November so it will not germinate until early the following spring. Care should be made to select a location with good drainage.

Extensive Larkspur trials over a period of years, under glass and outdoor cultivation, have caused us to revise our listing. We have included only those colors which have proven most satisfactory under varied growing conditions and at the same time are in popular demand.

All are the popular "Base Branching" type. Long spikes, closely set with full-double flowers. Upright growth, early, vigorous growers.

White (White King-White Supreme)

Pink (Regal Pink-Pink Supreme)

Deep Rose (Regal Rose-Rose Supreme)

Salmon Pink (Exquisite Pink Improved)

Salmon Rose (Salmon Supreme-Gloria Improved-Miss California)

Lilac (Lilac Spire-Lilac Supreme)

Medium Blue (Blue Bell, Regal Light Blue)

Dark Blue (Blue Spire-Regal Dark Blue-Dark Blue Supreme)

Carmine (Carmine King Improved)

Formula Mixture

Each of the above: ¼ oz., **50c;** ½ oz., **90c;** oz., **$1.60;** 4 oz., **$5.25;** lb., **$16.00.**

Improved Giant Hyacinth Flowered—45 in.

Blooms much earlier than other tall Larkspurs. Non-branching, each plant produces one big Hyacinth-like spike, broad at the base and tapering toward the top, thickly studded with perfect double blooms to a length of 18 to 20 inches.

Mixed. A **formula-blend** in a full range of color.
⅛ oz., **60c;** ¼ oz., **$1.00;** oz., **$3.00;** 4 oz., **$10.00.**

ANNUAL LARKSPUR

Kalanchoe

ANNUAL 14,000 seeds 1/64 oz. 68° 1-2 weeks

A showy dependable plant of great brilliance much in demand for the house.

Although the normal flowering season is January or February, plants can be had in flower for Christmas from a January sowing. Shade 4 weeks starting September 1. Recommend 60° minimum nights. Requires good air circulation.

★**Brilliant Star.** Flowers three times the size of ordinary varieties, a rich fiery red with dark green foliage. Compact growth. Ideal for pots or as cutting material.
Trade pkt. (2000 seeds), **$1.20;** 1/128 oz., **$2.20;** 1/64 oz., **$3.85;** 1/32 oz., **$7.00.**

★**Tom Thumb.** Perfectly rounded symmetrical plants covered with small bright scarlet flowers.
Trade pkt. (2000 seeds), **$1.50;** 1/128 oz., **$3.00;** 1/64 oz., **$5.50;** 1/32 oz., **$10.00.**

★**Yellow Darling.** The flower of a strong lemon-yellow combined with foliage of shining green make it a perfect plant for flower combinations when used with the dwarf red Kalanchoe, Primula or Saintpaulia. 6 in. Trade pkt., (500 seeds) **$1.50.**

Kale Flowering

ANNUAL 12,800 seeds oz.

Large fringed leaf in various color tones that include ivory, rose, green as well as deep purple. In late Fall and early Winter this plant is at its best. Sow in early July for a brilliant display as a winter pot plant.
1/16 oz., **40c;** ¼ oz., **$1.10;** oz., **$3.30.**

Kochia

ANNUAL 30,800 seeds oz. 68-86° 1-2 weeks
CHILDSII (Summer Cypress).
¼ oz., **25c;** ½ oz., **35c;** oz., **55c;** 4 oz., **$1.50.**

Lantana

ANNUAL 1,300 seeds oz. 68-86° 6-7 weeks

A showy annual bedding plant. Most satisfactory where summer heat is excessive. Sow early and give bottom heat.
Dwarf Mixed. 1 ft. ⅛ oz., **60c;** ¼ oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00.**
Tall Mixed. 2½ ft. ⅛ oz., **60c;** ¼ oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00.**

Lathyrus (Perennial Sweet Pea)

PERENNIAL 500 seeds oz. 68-86° 2-3 weeks

Latifolius. Short stemmed flowers, freely produced. Quite hardy, shows resistance to excessive heat.
Pink Beauty. Deep rose. **Red.** Rosy-purple.
White Pearl. Pure white. **Mixed.** A formula blend.
Each of the above: ¼ oz., **60c;** oz., **$1.80.**

Lavandula Vera

PERENNIAL 32,000 seeds oz. 52-90° 2-3 weeks

Munstead Strain. Large sweet scented flowers in abundance. It flowers a month earlier than the common Lavender; an improved Vera. 1 ft.
1/16 oz., **45c;** ¼ oz., **$1.25;** oz., **$3.75.**

Liatris

PERENNIAL 9,500 seeds oz. 68-86° 3-4 weeks

The long decorative spikes make excellent cutflowers. Easily grown from seed.

Pycnostachya. Long spike of brilliant rose-purple flowers. Aug. to Oct. 4 ft.
1/16 oz., **40c;** ¼ oz., **$1.00;** oz., **$3.00.**

September Glory. 6 ft. Spike covered with purple flowers.
1/16 oz., **65c;** ¼ oz., **$2.00;** oz., **$6.00.**

Discounts on Flower and Vegetable Seeds Only

Cash or C.O.D. Under $10.00 net
$10.00 to 25.00, 5%; 25.00 to 100.00, 8%; 100.00 to 200.00, 10%; 200.00 to 300.00, 12%; 300.00 to 500.00, 14%; 500.00 to 750.00, 16%; 750.00 and up, 22%.

Charge Orders. If paid within 30 days from date of invoice: Under $10.00, net; $10.00 to 25.00, 2%; 25.00 to 100.00, 5%; 100.00 to 200.00, 8%; 200.00 to 300.00, 10%; 300.00 to 500.00, 12%; 500.00 to 750.00, 14%; 750.00 and up, 20%.

Lilies

PERENNIAL 8,000 seeds oz. 68° 3-5 weeks

Longiflorum Praecox White Queen. Produces blooms of the well known Erabu type in from 12 to 15 months after sowing. Long trumpet flowers of clear white.
1/32 oz., **$1.65;** 1/16 oz., **$3.00;** 1/8 oz., **$5.50.**

Regale White. Large trumpets of glossy white with a pure yellow center and slight tinge of pink to exterior of petals. Very hardy; consistent free bloomer. Unusually fragrant. 3 to 4 ft.
1/16 oz., **70c;** 1/4 oz., **$2.00;** oz., **$6.00.**

Tenuifolium. (Siberian Coral Lily). Flowers dazzling coral red, up and down the stem. 20 in.
1/16 oz., **40c;** 1/4 oz., **$1.10;** oz., **$3.30;** 4 oz., **$10.00.**

Mixed. Includes all the popular sorts.
1/16 oz., **65c;** 1/8 oz., **$1.10.**

Linaria

ANNUAL 460,000 seeds oz. 54° 2-3 weeks

★**Northern Lights.** Brilliant new colors which include clear whites, bright yellows, vibrant blues and carmines, also reds and bronzes with yellow lips. Plants grow 15 in. high, bushy erect.
1/16 oz., **40c;** 1/4 oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00.**

Linum (Perennial Flax)

PERENNIAL 8,500 seeds oz. 54° 3-4 weeks

Perenne. Very pretty pale blue flowers on slender stems. 30 in.
1/4 oz., **35c;** oz., **$1.00;** 4 oz., **$3.00.**

Flavum Compactum. The dark green foliage accents the golden yellow flower. Ideal for rock gardens. 8 in.
1/16 oz., **50c;** 1/4 oz., **$1.50;** oz., **$4.50.**

Lunaria

PERENNIAL 1,500 seeds oz. 68° 2-3 weeks

Biennis. (Honesty). Dark Crimson flowers, silver pod.
1/4 oz., **40c;** oz., **$1.40;** 4 oz., **$4.20.**

Biennis Alba. White flower, silvery pod.
1/4 oz., **40c;** oz., **$1.40;** 4 oz., **$4.20.**

Lobelia

ANNUAL 725,000 seeds oz. 68-86° 2-3 weeks

Brilliant blues lacking in other plants can be found in the Lobelia. Recommend their use in semi-shaded locations and for plant combinations.

Blue Gown. Clear deep blue, without eye, fine compact habit.

Crystal Palace Compacta, 4 in. Deep blue dark foliage.

Cambridge Blue. Light blue with green foliage.

Mrs. Clibran Improved. Deep blue with large white eye, light foliage. Free flowering, compact habit, finest for pots and border planting. 4 in.

Rosamond. So novel the color and compact the plant, this rich carmine-red Lobelia has quickly become a favorite. A fine edging plant and readily adaptable to rock garden use. Blooms over a long season.

White Lady (Snowball Improved). Dwarf pure white.

Each of the above 6: 1/16 oz., **40c;** 1/4 oz., **$1.10;** oz., **$3.30;** 4 oz., **$10.00.**

PENDULA. (For hanging baskets).

Hamburgia. Sky-blue, white eye, dark foliage.

Sapphire. Deep navy-blue, white eye.

Each of the above 2: 1/16 oz., **40c;** 1/4 oz., **$1.15;** oz., **$3.50.**

PERENNIAL 725,000 seeds oz. 68-86° 3-4 wee ks

Cardinalis. (Cardinal Flower). Rich, fiery cardinal flowers. Needs moist shady location. 36 in.
1/64 oz., **50c;** 1/16 oz., **$1.50.**

Lychnis

PERENNIAL 64,000 seeds oz. 68° 3-4 weeks

Arkwrightii. Large flowers in brilliant colors, varying from orange-scarlet to soft-salmon pink. May. 2 to 3 ft.
1/16 oz., **40c;** 1/4 oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00.**

Chalcedonica. Vivid scarlet flowers. 36 in.
1/8 oz., **30c;** 1/4 oz., **55c;** oz., **$1.60;** 4 oz., **$4.75.**

Haageana Hybrida Mixed. Extra choice, 18 in.
1/16 oz., **40c;** 1/4 oz., **$1.10;** oz., **$3.30.**

LYCHNIS CHALCEDONICA

Lupinus

ANNUAL 1,300 seeds oz. 68° 2-3 weeks

HARTWEGII GIANTS OR KING LUPINUS. For a spring cut-flower crop in 3 inch pots, sow in January. Space close and flower one spike to a plant. 3 ft.

For April-May cutflowers, sow August-September, space 8x8 inches on raised bench.

King Dark Blue **King Sky Blue** **King Mixed**
King Heliotrope **King White**

Each of the above: 1/4 oz., **30c;** oz., **$1.00;** 4 oz., **$3.00.**

Subcarnosus Texensis (Texas Blue Bonnet). Dwarf blue. 12 inches. oz., **80c;** lb., **$8.00.**

PERENNIAL 1,500 seeds oz. 68° 2-3 weeks
Likes cool weather. Requires a well-drained location. Fine for cutting.

POLYPHYLLUS

Russell. Most unusual colors and color combinations. The flowerettes are much larger than the other Polyphyllus varieties.
1/8 oz., **40c;** 1/4 oz., **65c;** oz., **$2.20;** 4 oz., **$6.60.**

Nitragin. For inoculating Lupin seed. **Garden size 25c.**

Lythrum

PERENNIAL 135,000 seeds 1/4 oz. 68° 2-3 weeks

Roseum Superbum. Rose-purple in spikes. A good border plant. 40 in.
1/8 oz., **40c;** 1/4 oz., **70c;** oz., **$2.00;** 4 oz., **$6.00.**

Marigolds

See pages 22-23

Marvel of Peru

ANNUAL 325 seeds oz. 68-86° 2-3 weeks

Mixed. The "old-fashioned" Four O'Clock in a range of color that is bright and interesting.
oz., **40c;** 4 oz., **$1.10;** lb., **$3.30.**

Matricaria

PERENNIAL 145,000 seeds oz. 68-86° 2-3 weeks

Ultra Double White. A select Florist Strain with flowers so double it closely resembles the quality usually obtained from cuttings. Pure white, ball-shaped flowers on compact plants. 2 ft.
1/32 oz., **$1.10;** 1/16 oz., **$2.00;** 1/8 oz., **$3.30;** 1/4 oz., **$6.00;** oz., **$18.00.**

Golden Ball. Striking double golden yellow. 8 in.
1/16 oz., **45c;** 1/4 oz., **$1.25;** oz., **$4.00.**

Double White Select. A good strain of double and semi-double flowers. The yellow center is more noticeable in this selection.
1/32 oz., **40c;** 1/8 oz., **$1.10;** 1/4 oz., **$2.00;** oz., **$6.00.**

MARIGOLD DWARF MASTER BLEND

MARIGOLD BROWNIE SCOUT

Dwarf Marigolds for Bedding

The dwarf varieties which are indicated by a star (★) are especially valuable for early spring as combination plants.

★Petite Strain

An extra dwarf, uniformly even, early and free flowering strain for borders and mass effects. Retains its dwarf habit under the most adverse conditions. Particularly desirable for the flat grower. Compact growth, 6 inches tall. An ideal edging plant. (All America Bronze Medal 1958.)

Petite Gold. **Petite Harmony.**
Petite Yellow. **Petite Orange.**
Petite Spry. **Petite Formula Mixed.**

Each of the above: ⅛ oz. **55c;** ¼ oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00.**

Instant Glamour

★Dwarf Master Blend.® An extra dwarf strain. Early and free flowering, blooming while plants are very small. A good range of Marigold colors. We recommend this to the flat grower because its earliness permits flowers in full bloom at time of sale. Ideal for edgings and combinations. 6 in. ⅛ oz. **55c;** ¼ oz., **$1.00;** oz.,**$3.00;** 4 oz., **$9.00.**

Double Dwarf French

All dwarf Marigolds which grow quite uniform in flats can be easily sold in spring for bedding or border plants. Florists near cemeteries find ready sales for these.

Butterball. Scabiosa-like flower of canary yellow. Early and continuous bloomer. 6 to 10 inches tall; compact. Very early.

Color Magic. An unusually striking blend of colors from red to golden yellow with many bicolor combinations of red, bronze, orange and gold. Full-double, very large flowers averaging 2½ inches across. Compact plant. 10 in.

Extra Dwarf Harmony. Color of Spry, with dwarfer habit.

Harmony. Bright golden yellow, rich maroon-red border.

Lemondrop. Canary Yellow. Early, profuse bloomer. 9 in.

Rusty Red. Large fully double flowers averaging 2 inches across of rich rusty red, delicately edged golden yellow.

Spry. Light yellow crested center, guard petals of rich mahogany red.

Sunkist. Scabiosa-like flowers of solid deep golden orange. Very dwarf and compact. 9 in.

Tangerine. A distinct shade of bright tangerine-orange. Full-double flowers. Early continuous bloomer. 12 in.

Each of the above: ⅛ oz., **35c;** ¼ oz., **65c;** oz., **$2.00;** 4 oz., **$6.00.**

Brownie Scout. So popular is this little Marigold, we are featuring it again for 1963. The rich gold flower, with its touch of red at the base of the petals, blooms early and continuously until killing frost. Plants are dwarf and compact retaining their plant habit under most trying conditions. Ideal for beds, borders or use as cutflowers in low bouquets. ⅛ oz., **55c;** ¼ oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00.**

★Cupid Marigolds

An odorless foliaged African type Marigold of dwarf compact habit. Large mum-like blooms cover the plant. Can be had in flower in 3 inch pots when plants are but 4 to 6 inches tall. For flat sales recommend early February sowing. 8 to 10 in.

Cupid Yellow **Cupid Golden** **Cupid Orange**

Cupid Mixed. A formula blend of the above.

Each of the above: 1/16 oz. **55c;** ¼ oz., **$1.75;** oz., **$5.00;** 4 oz., **$15.00.**

Single Dwarf French

Dainty Marietta. Dwarf compact plant, larger than average flower composed of 5 or 6 overlapping petals of soft golden yellow with a contrasting blotch of rich maroon at base of petal.

Flash. Bright color combinations ranging from vivid red through bronze and yellow. In most flowers a base color of tangerine is overlaid with rich marigold-red. 18 in.

Naughty Marietta. Golden yellow flowers with mahogany base. Very showy. Free flowering.

Red Head. Crested center of golden petals edged maroon is surrounded by a single row of broad petals of rich mahogany. Compact, dwarf plant. 1 ft.

Sunny. Cheerful bright yellow flower with attractive wavy edged petals. Blooms freely produced over a long season. 15 in.

Each of above 5: ⅛ oz., **35c;** ¼ oz., **65c;** oz., **$2.00;** 4 oz., **$6.00.**

Mexican Marigold

For Pots and Edging

Signata Pumila Ursula. A free flowering strain. The ⅞ inch florets are a bright golden orange with a brighter orange zone and eye. For border, edgings and rockery. 1/16 oz., **40c;** ¼ oz., **$1.20;** oz., **$3.60.**

Signata Pumila Lulu. Very compact dome shaped plant growing 7 inches tall. Completely covered with dainty single florets in pleasing shade of bright canary yellow without zone but with small dark eye. 1/16 oz. **40c;** ¼ oz., **$1.20;** oz., **$3.60.**

Tall Marigolds for Cutting

A border planting of MARIGOLD CLIMAX and ZINNIA OLD MEXICO

Climax Marigolds F-1 Hybrids

Full double, giant globular blooms averaging 5 in. and more across. Long graceful stems, an excellent cutflower. A true F-1 hybrid, they are more free flowering and vigorous than ordinary strains. 2½-3 ft.

Golden Climax. Deep golden yellow.

Primrose Climax. Clear soft tones of creamy primrose yellow.

Toreador. (Bronze Medal All America 1960). Rich orange.

Yellow Climax. Bright yellow.

Instant Glamour

Climax Mixed. Our own formula blend which includes all the above. Lush green foliage provides the perfect foil for the rich color tones. Exceptionally fine cutflower.

Each of the above 5: ⅛ oz., **85c;** ⅛ oz., **$2.50;** ⅛ oz., **$4.50;** ¼ oz., **$8.00;** oz., **$25.00.**

MARIGOLD F-1 CLIMAX MIXED

Tall African

ANNUAL 10,000 seeds oz. 68-86° 1-2 weeks

A Spring crop of cutflower Marigolds will prove most profitable. From seed sown in January-February you will have a nice cut in April-May. Grow single stem and space 4 x 5 inches, as you would Snaps. While the Double Fistulosa and Carnation Flowered types are recommended for this purpose, we urge you include some of the Chrysanthemum Flowered sorts for variety. Be sure to include the new Climax Marigolds. Their giant yet graceful flowers will be certain to attract attention.

Instant Glamour

Spun Gold. (Bronze Medal All America 1960). An early dwarf of compact bushy growth. The large double blooms with incurved petals of bright golden-yellow are chrysanthemum-like in form. Foliage is a medium green. An all-around variety for mass effect, borders, flat and combination work—an excellent pot plant. Combine with Ageratum Blue Mink or Blue Lobelia, for an effective arrangement. Illustrated in color on page 1, in combination with Ageratum Blue Mink. 1/16 oz., **65c;** ¼ oz., **$2.00;** oz., **$6.00;** 4 oz., **$18.00.**

Double Fistulosa

An especially fine tall branching strain bearing enormous flowers of the quilled type. We consider this the finest long-stemmed cutflower strain.

★**All Double Orange.** Comes almost 100% full-double.

★**All Double Lemon.** Identical to the above except for its rich lemon yellow color.

Each of the above: ⅛ oz., **35c;** ¼ oz., **60c;** oz., **$1.80;** 4 oz., **$5.50.**

Carnation Flowered

The loosely ruffled broad petaled flower, 3 inches or more across, is borne on 2 to 2½ ft. branching plants. Nearly 100% double.

Burpee Gold Improved. Rich deep orange. Odorless.

Guinea Gold. Orange flushed gold.

Man-in-the-Moon. Full-double ruffled pale moon-yellow flower. Excellent for cutting.

Real Gold. Golden orange illumined with yellow. Free flowering.

Yellow Supreme. Loose frilled creamy yellow petals. Fragrant.

Each of the above: ⅛ oz. **35c;** ¼ oz., **60c;** oz., **$1.80;** 4 oz., **$5.50.**

Peony Flowered (Gigantea)

Strong growing plants 3½ ft. tall, huge ruffled, tightly petaled blooms resembling large peony flowers. The largest flowered Marigolds.

Crackerjack. Uniformly large, full-double 4-5 in. blooms, freely produced on long strong stems. A full range of Marigold colors including primrose, yellow, gold and orange. A formula blend which insures perfect color balance. Early flowering. 3 ft. ⅛ oz. **55c;** ¼ oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00.**

Chrysanthemum Flowered

Compact flowers with petals tightly incurved, 2½ to 3 inches across, on plants 2 to 3 ft. high. In appearance they resemble the large greenhouse grown Mum.

Glitters. Soft clear yellow flower; rich dark green foliage. ⅛ oz. **55c;** ¼ oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00.**

Goldsmith. Rich golden-orange. Early enough for our northern garden. ⅛ oz. **40c;** ¼ oz., **70c;** oz., **$2.20;** 4 oz., **$6.60.**

Mammoth Mum. The largest in this group. Light sulphur yellow. ⅛ oz. **55c;** ¼ oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00.**

Chrysanthemum Flowered Hybrids (Mission Giants) Mixed. A well-balanced mixture, from deep golden orange to clear lemon yellow. (⅛ oz.,) **35c;** ¼ oz., **60c;** oz., **$1.80;** 4 oz., **$5.50.**

For earliest bedding plant sales—Marigold Dwarf Master Blend and Zinnia Thumbelina.

Mesembryanthemum

ANNUAL 100,000 seeds oz. 68° 1-3 weeks

Criniflorum (Livingstone Daisy). The plants are literally covered with one-inch flowers of the most delightful shades. Need full sun and lots of water. 6 in. 1/16 oz., **45c;** 1/4 oz., **$1.25;** oz., **$4.00.**

Mignonette

ANNUAL 30,000 seeds oz. 54° 2-3 weeks

Sow in January for Spring cutting.

True Machet. Vaughan's Selected Stock. Fragrant. The finest greenhouse strain.

1/8 oz., **35c;** 1/4 oz., **50c;** oz., **$1.50;** 4 oz., **$4.00;** lb., **$12.00.**

Mimosa

ANNUAL 4,500 seeds oz. 54-90° 3-4 weeks

Pudica. (Sensitive Plant).

1/8 oz., **35c;** 1/4 oz., **60c;** oz., **$2.00;** 4 oz., **$6.00.**

Myosotis (Forget-Me-Not)

PERENNIAL 42,000 seeds oz. 68° 2-3 weeks

ALPESTRIS. Exquisite sprays of flowers produced in abundance.

Indigo Blue. (Royal Blue). 12 in.

Indigo Blue Compacta. Deep blue.

Each of the above: 1/16 oz., **45c;** 1/4 oz., **$1.20;** oz., **$3.60.**

ALPESTRIS VICTORIA. Dwarf bushy globular plants, bearing a profusion of large flowers. Attains a height of 5 to 7 inches.

Indigo Blue. Rosea. Sky-blue. White. Mixed.
Each of the above 5: 1/16 oz., **50c;** 1/8 oz., **85c;** 1/4 oz., **$1.50;** oz., **$5.00.**

Palustris Semperflorens. Dwarf, blue, in flower from early spring until autumn, 1 ft. 1/16 oz., **35c;** 1/4 oz., **95c;** oz., **$3.00.**

Vaughan's Early Blue Bird. An extra early flowering strain of Blue Bird type and color. Should be used for cutting and valuable for pots or bedding. 1/16 oz., **35c;** 1/4 oz., **95c;** oz., **$3.30.**

Nasturtium

ANNUAL 175 seeds oz. 68° 1-2 weeks

Excellent for cutting. Long stemmed fragrant blossoms, richly colored.

Double Gleam Type. Vigorous grower for greenhouse cutting and window box. Climbing or trailing.

Golden Gleam. Yellow. **Mahogany.** Dark mahogany-red.

Orange Gleam. Orange. **Scarlet Gleam.** Very brilliant.

Glorious Gleam Hybrids. Wonderful range of color.

Each of the above 5: oz., **40c;** 4 oz., **$1.25;** lb., **$4.00;** 10 lb., **$36.00.**

Double Dwarf Type. Plants of dwarf, compact growth are covered with blooms that are fully as large and double as the Gleam type.

Cherry Rose. Very bright. Carries flowers well above the foliage.

Golden Globe. Yellow. **Globe of Fire** (Scarlet Gem).

Gem Mixed. Excellent color range.

Each of the above 4: oz., **45c;** 4 oz., **$1.50;** lb., **$4.50;** 10 lb., **$42.50.**

Dwarf Single. 240 seeds oz. 12 in.

Vaughan's Special Dwarf Mixture. Includes all the colors in this type.

Oz., **35c;** 4 oz., **$1.00;** lb., **$3.00;** 10 lb., **$28.00.**

Nemesia

ANNUAL 90,000 seeds oz. 55° 2-3 weeks

Carnival Mixed. (Dwarf). A full-color mixture with large flowers on base branching compact plants. Very bright. Fine for pots and combinations. 9 in. 1/16 oz., **40c;** 1/4 oz., **$1.20;** oz., **$3.60.**

Nepeta

PERENNIAL 52,000 seeds oz. 68° 2-3 weeks

Mussini. × Neat bushes of small lavender-like foliage covered with terminal spikes of lavender-blue flowers, both foliage and flowers aromatic. 1 ft. 1/16 oz., **40c;** 1/4 oz., **$1.00;** oz., **$3.00.**

Nicotiana

ANNUAL 200,000 seeds oz. 68-86° 2-3 weeks

Affinis. White, sweet-scented. 32 in.

1/8 oz., **25c;** 1/4 oz., **40c;** oz., **$1.20.**

★**Crimson Bedder.** Rich deep crimson.

1/8 oz., **35c;** 1/4 oz., **55c;** oz., **$2.00.**

★**Daylight.** The white blooms remain fully open during even the most brilliant sunshine. The plants are of very bushy habit, reaching a height of 1½ to 2 feet. An abundance of pure white flowers with the same delightful scent as Nicotiana Affinis. Ideal for bedding purposes. 1/8 oz., **45c;** 1/4 oz., **70c;** oz., **$2.50.**

★**Sensation Mixture.** A brilliant color range. Bright scarlet, crimson, rose, mahogany, violet, yellow, coral, lilac and white. Blooms remain open during the daytime.

1/8 oz., **45c;** 1/4 oz., **70c;** oz., **$2.50.**

Nierembergia

ANNUAL 5,300 seeds 1/32 oz. 68-86° 2-3 weeks

Purple Robe Improved. The rich violet blue color is deeper than that of the original and the plants more dwarf and compact. This reselected strain does not fade under hot weather conditions.

1/128 oz., **55c;** 1/32 oz., **$1.75;** 1/16 oz., **$3.25;** 1/4 oz., **$9.75.**

Nigella

ANNUAL 11,000 seeds oz. 68-86° 2-3 weeks

Damascena, Miss Jekyll. Dark blue. 18 in.

1/4 oz., **40c;** oz., **$1.20.**

Oenothera

PERENNIAL 350,000 seeds oz. 68-86° 1-3 weeks

Macrocarpa. (Missouriensis). Large yellow flowers, fine trailer, June-Sept. 12 in. 1/32 oz., **40c;** 1/4 oz., **$2.00;** oz., **$6.00.**

PANSY PAPER WHITE

Passiflora

ANNUAL 3,600 seeds oz. 68° 2-4 weeks

Coerulea Blue. (Passion Flower). Slender but strong grower. Flowers 2½ to 3½ inches across, slightly fragrant, greenish white; the corona is blue at the tip, white in the middle and purple at the base.

1/16 oz., **55c;** 1/8 oz., **90c;** 1/4 oz., **$1.65;** oz., **$5.50;** 4 oz., **$20.00;** lb., **$60.00.**

Pennisetum

ANNUAL 14,500 seeds oz. 68-86° 3-4 weeks

Rueppelianum. Long graceful purple sprays.

1/16 oz., **35c;** 1/4 oz., **90c;** oz., **$3.30;** 4 oz., **$10.00;** lb., **$30.00.**

Pansies For Bedding

ANNUAL 24,000 seeds oz. 55-90° 2-3 weeks.

Pansies now vie with Petunias in importance as spring bedding plants. This popularity is due to improvements in strains in recent years, and newer methods of culture. The home gardener likes the Pansy—have plenty for early spring sales. Basically there are two methods of culture, either will assure your having strong healthy plants in bloom early.

Mid-winter sowing, late November through January. When seedlings are of a size to handle, transplant to small flats or "paks" and grow on cool, 50 degrees, and be assured of blooming plants for earliest sales. Six blooming pansy plants in a Vaughan Val-Pac container is something the home gardener will find hard to resist.

Summer sowing, early August, has for many years been the accepted time to start pansies. Spaced 4 x 6 inches in a cold frame, given winter protection, loose straw, perhaps, plants will be well established before winter sets in. Here again blooming plants are available early in Spring.

★Our Five Best

Instant Glamour

Vaughan's Swiss Master Blend. Another Vaughan "Pansy First." A brilliant array of color. Strong stems hold large flowers well above the rich green foliage. Truly outstanding. 1/16 oz., **$1.50;** 1/8 oz., **$2.75;** 1/4 oz., **$5.00;** oz., **$15.00;** 4 oz., **$50.00;** lb., **$200.00.**

Vaughan's Super Swiss Giant Mixture. Our most popular bedding Pansy. Large flowers, thick overlapping petals of good substance, brilliant colors, strong stems, make this outstanding for cutting or bedding. 1/16 oz., **95c;** 1/8 oz., **$1.75;** 1/4 oz., **$3.25;** oz., **$10.00;** 4 oz., **$36.00;** lb., **$108.00.**

Vaughan's Super Maple Leaf "Canadian Giants" Mixture. A distinct selection out of Maple Leaf Giants. Rich dark green foliage, flowers of gigantic size and substance, good stems and a beautiful color range. Plants of compact, sturdy growth.
1/16 oz., **95c;** 1/8 oz., **$1.75;** 1/4 oz., **$3.25;** oz., **$10.00;** 4 oz., **$36.00;** lb., **$108.00.**

Color Carnival. An American strain of exceptional quality and substance. Swiss Giant type blooms on strong vigorous plants. The magnificent color range, heavy in red and scarlets, is further enhanced with rich blues. All flowers attractively blotched.
1/32 oz., **$1.50;** 1/16 oz., **$2.50;** 1/8 oz., **$4.50;** 1/4 oz., **$8.00;** oz., **$24.00.**

Roggli Elite Mixed. Recommended for its large flower and uniformity of color and habit. Predominately red tones many attractively blotched flowers. We offer Introducer's Imported Seed.
1/32 oz., **$1.50;** 1/16 oz., **$2.50;** 1/8 oz., **$4.50;** 1/4 oz., **$8.00;** oz., **$24.00.**

Separate Colors

Adria. (Swiss). Large flowers of a rich dark blue.

Alpenglow. (Swiss). Rich wine-red shades.

Berna. (Swiss). Dark violet-blue.

Blue. (Swiss). (Ullswater, Thuner Sea). The most distinct rich ultramarine blue with darker blotches.

Coronation Gold. (Swiss). Perfectly round golden-yellow flowers with slighily ruffled edges. The best pure yellow pansy.

Delft Blue. Porcelain-blue.

Firebeacon. (Swiss). Bright wallflower-red with a touch of orange.

Giant Orange. Deep pure orange center shading to apricot.

Monch. (Swiss). Pure yellow, early flowering.

Raspberry Rose. (Swiss). Soft pink with a contrasting blotch of a deeper velvety tone.

Rhinegold. (Swiss). Canary-yellow with dark blotches.

White. (Swiss). Creamy white, yellow eye.

Each of the above 12: 1/16 oz., **95c;** 1/8 oz., **$1.75;** 1/4 oz., **$3.25;** oz., **$10.00;** 4 oz., **$36.00;** lb., **$108.00.**

Paper White. Large flowers of pure white, comparing favorably to the Swiss. 1/32 oz., **90c;** 1/8 oz., **$2.75;** 1/4 oz., **$5.00;** oz., **$15.00;** 4 oz., **$45.00;** lb., **$135.00.**

Pay Dirt. Large golden yellow flower, some with dark rays, others with tiny dark faces. Fine growth habit. Resistant to Summer heat. 1/32 oz., **90c;** 1/8 oz., **$2.75;** 1/4 oz., **$5.00;** oz., **$15.00;** 4 oz., **$45.00;** lb., **$135.00.**

PANSY VAUGHAN'S SWISS MASTER BLEND

Popular Pansy Mixtures

Amsterdam Giant. A very early free flowering strain with a long season of bloom, showing great resistance to heat. Bright colors, large flowers 3 to 4 inches across. A favorite "Basket Pansy" in Europe and along our East Coast.
1/16 oz., **80c;** 1/4 oz., **$2.50;** oz., **$7.50;** 4 oz., **$22.50;** lb., **$68.00.**

★Jumbo Mixed. Extra large and early; long stemmed flowers. An outstanding favorite in the South. 1/16 oz., **95c;** 1/8 oz., **$1.75;** 1/4 oz., **$3.25;** oz., **$10.00;** 4 oz., **$36.00;** lb., **$108.00.**

Vaughan's Dwarf Super Swiss Mixed. This type, being shorter and more compact, is suitable to plant sales. The color range is as good as that of the Super Swiss. 1/16 oz., **90c;** 1/8 oz., **$1.60;** 1/4 oz., **$2.65;** oz., **$9.00;** 4 oz., **$33.00;** lb., **$100.00.**

Vaughan's Long Stemmed Winter-Flowering Mixed. Reselected. It has a much wider color range than other Winter-Flowering strains and has an excellent stem length, averaging better than 10 in. The bloom size is from 2½ to 3 in. and the flowers are of a very good substance and sweet scented. Sow in summer for Mid-winter blooming and give support early.
1/32 oz., **90c;** 1/8 oz., **$2.75;** 1/4 oz., **$5.25;** oz., **$16.00;** 4 oz., **$48.00.**

America, Ideal Bedding or Basket Pansy. Good substance with wide color range. Free flowering. 1/16 oz., **70c;** 1/4 oz., **$2.00;** oz., **$6.00;** 4 oz., **$18.00;** lb., **$54.00.**

Clear Crystals. An early free flowering strain with flowers slightly ruffled and a bit smaller than the Swiss. A range of color that includes scarlet-red, wine-purple, orange, lilac, golden yellow, true blue, violet and white, all without blotches. Nicely rounded compact plant. Has a long season of bloom, and shows a tendency to withstand extreme temperatures.
1/16 oz., **$1.00;** 1/4 oz., **$2.50;** oz., **$7.50;** 4 oz., **$22.50;** lb., **$68.00.**

Engelmann's Giant Mixture. Dark and light shades, immense flowers, compact plant. Early flowering. 1/16 oz., **90c;** 1/8 oz., **$1.60;** 1/4 oz., **$2.65;** oz., **$9.00;** 4 oz., **$33.00;** lb., **$100.00.**

Oregon Giants (Originator's Stock). A fine strain of giant ruffled pansies. The large flowers of heavy texture have a delicate fragrance and come in all shades and coloring. Long stems and luxuriant foliage.
1/32 oz., **80c;** 1/16 oz., **$1.20;** 1/8 oz., **$2.25;** 1/4 oz., **$4.00;** oz., **$12.00.**

Swiss Giant Mixture. A choice strain in a good range of color, not so complete as our Super Swiss Mixture.
1/16 oz., **90c;** 1/4 oz., **$3.00;** oz., **$9.00;** 4 oz., **$27.00;** lb., **$75.00.**

SATIN SERIES PETUNIAS

are the year's smoothest sellers

"As Smooth As Satin" well describes these beautiful Petunias. Heavy textured flowers, lustrous rich color tones, freedom of bloom and dwarf compact plant habit combine to make "The Satins" the most desired of the F-1 Multifloras. Flowers come back quickly after the rains. You can't go wrong with "The Satins".

Coral Satin (All America Bronze Medal 1961). Masses of coral-rose blooms, deeper and more intense in color than Peach Satin. ½ trade pkt. (500 seeds), **$1.35;** trade pkt. (1000 seeds) **$2.50;** 1/128 oz., **$4.50;** 1/64 oz., **$8.00;** 1/32 oz., **$15.50;** 1/16 oz., **$30.00;** ⅛ oz., **$57.00;** ¼ oz., **$108.00;** ½ oz., **$214.00;** oz., **$390.00.**

Satin Petunia Collection. 1 each 6 trade pkts. (1000 seeds), Coral Satin, Dawn Satin, Peach Satin, Pink Satin, Red Satin, White Satin, for **$12.40.**

Dawn Satin. Soft light pink, a very delicate color.

Peach Satin. Soft coral changing to soft salmon pink. (Not illustrated).

Pink Satin. Intense rose-pink with white blotch deep in throat.

Red Satin. Brilliant scarlet-red, does not fade in hot sun.

White Satin. Purest white. The earliest of the white Multifloras to bloom.

Each the above 5: ½ trade pkt. (500 seeds), **$1.25;** trade pkt. (1000 seeds), **$2.25;** 1/128 oz., **$3.50;** 1/64 oz., **$6.00;** 1/32 oz., **$10.75;** 1/16 oz., **$20.50;** ⅛ oz., **$39.00;** ¼ oz., **$74.25;** ½ oz., **$141.25;** oz., **$270.00.**

Instant Glamour *everywhere you go!*

PETUNIA F-1 BRASS BAND

PETUNIA F-1 SUGAR PLUM

The F-1 Hybrid Multifloras

ANNUAL 280,000 seeds oz. 68° 1-2 weeks

Only in size of flower does the F-1 Hybrid Multiflora Petunia differ from her F-1 Hybrid Grandiflora sister. Medium sized blooms are produced in great profusion and literally cover the entire plant. Brilliant color tones, earliness, freedom of bloom over a long season, as well as compact plant habit make the F-1 Hybrid Multiflora particularly adaptable to bedding plant sales.

Use them in combinations where their brilliant color tones will stand out. For "mass effect" or use in the border, they are unexcelled.

Don't overlook potting a few in 3's for the late June buyer.

Increase your bedding plant sales with the F-1 Hybrid Multiflora Petunias. Have them available in good quantity. We offer only varieties that have proven by actual test their ability to withstand the most trying conditions.

PETUNIA F-1 STAR MASTER

Aztec. Scarlet red with gold throat.

Brass Band. Attractive deep cream-yellow flowers; the deepest in this color tone. Very free flowering. Responds quickly after adverse weather conditions, holds up well under our difficult middle western conditions.

Cherokee. A new early dwarf in a warm mid-rose color. Very free flowering.

Comanche Improved. Deep scarlet red.

Comet. Warm crimson-red with perfect white star.

Inca. Bright rose-red with gold throat.

Linda. (Improved Silver Medal). Clear light salmon pink. Often referred to as the "pinkest pink."

Mars. Deep velvety red. The same color as King Henry.

Mercury. A medium light blue comparable in color to Heavenly Blue. Light yellowish throat. Shows definite resistance to fading under sun conditions.

Neptune. Light violet blue appearing indigo in the evening light.

Paleface. Pure white. Unexcelled where a mass effect is desired.

Polaris. Violet blue with contrasting white star.

Satellite. Bright rose with perfect white star. A brilliant color combination.

Sioux. Rich coral pink.

Instant Glamour **Sugar Plum.** Bright orchid pink pencilled and shaded orchid purple. Blends well in combinations.

Venus. The bright clear "rose pink" of Celestial Rose. Blooms appear on top of foliage and literally cover plant. Very early.

Mixed. Our own "Formula Blend" which includes all the above, and others.

Each the above 17: ½ trade pkt. (500 seeds), **$1.00;** trade pkt. (1000 seeds), **$1.75;** 1/128 oz., **$3.00;** 1/64 oz., **$5.50;** 1/32 oz., **$10.00;** 1/16 oz., **$19.25;** 1/8 oz., **$36.50;** ¼ oz., **$69.50;** ½ oz., **$132.00;** oz., **$252.00.**

Glitters. Distinct white stripe on a rich red background. A brilliant color combination, causing much comment in our trials. ½ Trade pkt. (500 seeds) **$1.35;** Trade pkt. (1000 seeds) **$2.50;** 1/128 oz., **$4.50;** 1/64 oz., **$8.00;** 1/32 oz., **$15.50;** 1/16 oz., **$30.00;** 1/8 oz., **$57.00;** ¼ oz., **$108.00;** ½ oz., **$214.00;** oz., **$390.00.**

Instant Glamour **Star Master.** Flowers average 2¼ inches in diameter, an interesting and distinct starred variety. Deep violet ground with purest white star, very even. Plants are vigorous but retain their dwarf compact habit. Early and free flowering.

½ trade pkt. (500 seeds), **$1.10;** trade pkt., (1000 seeds), **$2.00;** 1-128 oz., **$3.50;** 1/64 oz., **$6.00;** 1/32 oz., **$11.00;** 1/16 oz., **$20.00;** 1/8 oz., **$36.00;** ¼ oz., **$65.00;** ½ oz., **$125.00;** oz., **$240.00.**

For More Petunia Profits Grow

PETUNIA F-1 ARISTOCRAT

PETUNIA F-1 RED ENSIGN

Since the introduction of the F-1 Hybrid Petunia, sales of this popular Annual have skyrocketed. Always a leader—Petunias are now "first" among the bedding and pot plant annuals from seed.

You can't help but have the finest when you grow F-1 Hybrids. Good sized flowers, compact plants, bright colors, freedom of bloom over a long season, to mention a few of its qualities, are responsible for its increased interest. Combine these with its hybrid vigor (the result of many years of plant breeding) and you have the finest strain of Petunias available.

Every lot of each variety is tested in our laboratory for germination, and in our greenhouse and under field conditions at our Trialing Area at Cantigny Farm near Wheaton, Illinois.

F-1 HYBRID GRANDIFLORAS. These have the largest and showiest of flowers in the F-1 Hybrids. There is nothing finer for pot and pak sales, use in combinations or as a bedding plant. Our "Instant Glamour" varieties are outstanding and leaders in their class.

SOW SEED in mid-November and have good blooming plants of the F-1 Hybrid Grandifloras in 4 inch for Easter and through April. 3 inch plants can be had in flower by May 1 from a mid-December sowing while January 1 sowing insures good 3 inch plants for Decoration Day. From an early March sowing, grown at 50°, good pak or flat grown plants can be had for May bedding plant sales.

F-1 Hybrid Grandifloras

The large flowers average 3½ to 4 inches across with a plant spread of 20 to 24 inches. Most are well fringed, a few so gracefully ruffled it adds to the attractiveness of the rich flower colors. Vigorous growers, very free flowering. 12 to 15 in.

Instant Glamour **Aristocrat.** Well-fringed pure white blooms accented by a rich yellow throat.

Ballerina. Soft glowing salmon.

Blue Magic. Medium deep violet blue. Similar in color to Admiral.

Blue Lace. Light orchid-blue pencilled with a deeper violet-blue.

Instant Glamour **Calypso.** Gracefully ruffled, huge rose-scarlet blooms with white, in a star pattern. A bright combination.

Crusader. Gaily striped rose-pink on white. Holds color variegation well under trying conditions.

Fire Dance. Deep scarlet-red with contrasting throat of rich gold.

LaPaloma. Pure white-yellow throat.

Lavender Lace. Bright rosy orchid lavender, pencilled in a deeper tone.

Maestro. Deeply fringed rose-red bloom accented by a soft gold throat.

Maytime. Light salmon pink flowers so large they literally cover the plant.

Instant Glamour **Pink Desire.** Clear bright pink that does not fade. Use with Aristocrat for pots, combinations or the garden border.

Pink Magic. An early free flowering bright pink. A popular pink for pots, combinations and bedding.

Prima Donna Improved. Warm rose pink. Earlier, more dwarf and free flowering than the original introduction.

Each the above 14: ½ trade pkt. (500 seeds), **$1.50;** trade pkt. (1000 seeds), **$2.75;** 1/128 oz., **$4.75;** 1/64 oz., **$8.75;** ½ oz., **$16.75;** 1/16 oz., **$32.00;** ⅛ oz., **$60.75;** ¼ oz., **$115.75;** ½ oz., **$220.50;** oz., **$420.00.**

F-1 Hybrid Grandifloras

Sabre Dance. Huge velvety crimson-red with white star.

Serenade. Rich violet-blue with contrasting cream-white stamens.

Tango. Deep salmon shading to scarlet-salmon at the throat.

Toreador. Large ruffled flowers of solid, deep velvety crimson-red. Uniform compact plants.

White Magic. Large ruffled blooms. An early pure white.

Ballet Mixed. Our own "formula-blend" which includes all the F-1 Grandifloras.

Each the above 6: ½ trade pkt. (500 seeds), **$1.50;** trade pkt. (1000 seeds), **$2.75;** 1/128 oz., **$4.75;** 1/64 oz., **$8.75;** 1/32 oz., **$16.75;** 1/16 oz., **$32.00;** 1/8 oz., **$60.75;** 1/4 oz., **$115.75;** ½ oz., **$220.50;** oz., **$420.00.**

Fairyland. Fringed flowers of light salmon pink. 8 in.

Fire Gleam. The rich deep salmon of Tango with slightly larger more fringed flower.

Flirt. Clear pink.

Minstrel Improved. Large blooms of white marked with rich blue. Distinct.

Instant Glamour

Red Ensign. Large plain edged flowers of deepest scarlet red. One of the best for general use. Very dwarf and compact.

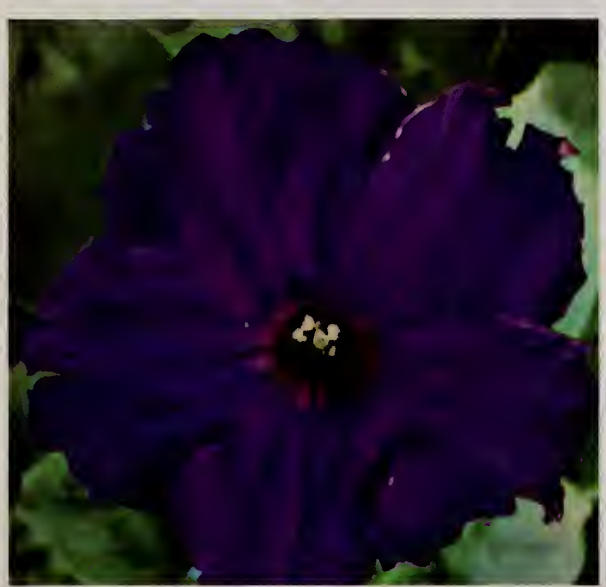
Snow Cap. A plain edged pure white, slightly later than White Magic.

Each the above 6: ½ trade pkt. (500 seeds), **$1.10;** trade pkt. (1000 seeds), **$2.00;** 1/128 oz., **$3.50;** 1/64 oz., **$6.00;** 1/32 oz., **$11.00;** 1/16 oz., **$20.00;** 1/8 oz., **$36.00;** 1/4 oz., **$65.00;** ½ oz., **$125.00;** oz., **$240.00.**

Blue Lustre. Large waved grandiflora blooms of deep violet blue are produced in great profusion on compact low-growing plants that retain their habit throughout the season.

Scarlet Lustre. Brilliant scarlet-red high-lighted by a rich yellow throat. Large flowers with waved and ruffled edges.

Each the above 2: ½ trade pkt. (500 seeds), **$1.75;** trade pkt. (1000 seeds), **$3.00;** 1/128 oz., **$5.50;** 1/64 oz., **$9.75;** 1/32 oz., **$18.00;** 1/16 oz., **$34.25;** 1/8 oz., **$65.00;** 1/4 oz., **$123.75;** ½ oz., **$236.00;** oz., **$450.00.**



PETUNIA F-1 BLUE MAGIC

PETUNIA F-1 PINK DESIRE

CASCADE SERIES

Perfect for window boxes, planters, beds on sloping ground where a mass of color can be used. The extremely large flowers, 4½ to 5 inches across, are extra early and free flowering.

Pink Cascade. Rose pink with light yellow throat.

Red Cascade. Fiery bright scarlet-red.

★**White Cascade.** Purest paper white. The most popular in this group.

Fandango. Rich violet blue and white bicolor.

Each the above 4: ½ trade pkt. (500 seeds), **$1.50;** trade pkt. (1000 seeds), **$2.75;** 1/128 oz., **$4.75;** 1/64 oz., **$8.75;** 1/32 oz., **$16.75;** 1/16 oz., **$32.00;** 1/8 oz., **$60.75;** 1/4 oz., **$115.75;** ½ oz., **$220.50;** oz., **$420.00.**

PETUNIA F-1 CALYPSO

All Doubles . . . For Pots—Bedding

Sow "Doubles" earlier than ordinary strains to have for sale at the same time. For "flat" or "pak" sales, allow 12 to 15 weeks from sowing to sale date—depending on your market needs. In Chicago, sow no later than December 15 for 3 inch for May combinations. January 1 sowing, grown cool, 50°, will insure strong 3 inch for late May. Well shaped plants with several blooms in 4 to 5 inch for April and May pot plants, or 3 inch for March, result from seed sowing not later than November 15.

Like all other Petunias—"Doubles" need good drainage and cool temperatures. Dwarf habit of growth is lost if grown too high. 55° is ideal.

All break readily but Sonata and Minuet respond best to one pinch.

Sakata (Japanese) Strain

The well doubled, fringed flowers, averaging 3½ in. across, are freely produced on plants that are bushy and dwarf. An attractive pot plant strain. 10 in.

Attraction. Brightest carmine-rose and white combination.

Blue Monarch. (Blue Brocade Improved). True violet blue.

★**Gaiety.** A bicolor, light rose-red with white ground. Lighter in tone than Attraction.

★**Rosy Carmine Improved.** (World Beauty or Pink Perfection). Bright rose, very popular among pot plant growers.

White Swan. (Pure White Improved—Snowball). The largest white in this All Double group. Flowers measure fully 4½ inches across in its full-double, well fringed form.

All Double Dwarf Giant Fringed Mixed (Victorious). Included in our mixture are separate colors which give you a better balanced color range than usually found in blends of this sort.

Each of the above 6: ½ Trade pkt., (500 seeds), **$2.25;** Trade pkt., (1000 seeds), **$4.00;** 1/128 oz., **$6.50;** 1/64 oz., **$12.00;** 1/32 oz., **$22.00;** 1/16 oz., **$40.00;** 1/8 oz., **$80.00.**

All Double Petunia Collection

1 Trade Pkt. each (4 varieties)
For $15.75

Allegro Improved. Deep salmon.
Sonata. Pure White.
Rosy Carmine Improved. Bright Rose.
Gaiety. Light rose-red and white bicolor.

PETUNIA ALL DOUBLE SONATA

PETUNIA ALL DOUBLE CHERRY TART

Double Multifloras

The dwarf compact plants are completely covered with medium sized full-double carnation flowered type blooms. A "must" for the bedding plant grower — equally important for use in pots and combinations. Because of their dependable performance and beauty, these carnation-like flowers are gaining favor everywhere.

★**America Improved.** Rich rose-pink, coming uniformly double.

Cardinal Riches. Glowing bright scarlet-red. The first scarlet-red in the Double Petunias. A much needed color—a profuse bloomer.

★**Cherry Tart.** The bright rose-pink color becomes vividly alive by its sharply contrasting pure white variegation.

Honey Bunch. Soft rich salmon pink.

White Riches. Carnation-like flowers of purest white. For mass effect or use where contrast is wanted. Combines well and lends a beauty all its own.

Each the above 5: ½ trade pkt. (500 seeds), **$1.50;** trade pkt. (1000 seeds), **$2.75;** 1/128 oz., **$4.75;** 1/64 oz., **$8.75;** 1/32 oz., **$16.80;** 1/16 oz., **$32.00;** 1/8 oz., **$60.75.**

Popular Large Flowered Doubles

You will want to include these in your list of bedding plants. Full-double blooms of good size, in an interesting range of colors.

★**Canadian Mixture.** Full double flowers which includes rose, pink, salmon, white and mauve.
½ Trade pkt., (500 seeds) **$2.50;** Trade pkt., (1000 seeds) **$4.50;** 1/128 oz., **$8.00;** 1/64 oz., **$15.50;** 1/32 oz., **$29.25;** 1/16 oz., **$55.70.**

★**Glorious Shades of Rose.** Giant double blooms; vigorous compact plants, in rich shades of rose, from lightest pink to deepest rose tone. Makes fine 4 to 5 inch pot plants for Easter, Mother's Day and spring combinations.
½ Trade pkt., (500 seeds) **$2.00;** Trade pkt., (1000 seeds) **$3.50;** 1/128 oz., **$6.50;** 1/64 oz., **$12.50;** 1/32 oz., **$23.50;** 1/16 oz., **$44.75;** 1/8 oz., **$85.25;** 1/4 oz., **$162.50.**

Combinations

"Double Petunias" are one of the most popular and versatile of Spring bedding plants.

There is ready sale in "paks" or "flats"—6 or 12 plants to the "pak" is much in demand.

As a "Come-on" for the early shopper in March and April, offer 3 inch blooming pots. Resulting sales will surprise and please.

"Doubles" in 2¼ to 3 inch Val-Peat Pots or Jiffy Pots find ready sale. An open flower or a bud showing color is your best sales aid.

Three and four inch pots of "Doubles" are ideal for May combinations.

Heavy three to five inch pots are in demand for Mother's Day.

Our "Double Petunia" strains are the finest obtainable. Vaughan's greenhouse checks supply needed information on inside growing and plant habit. Our Field Trials at Cantigny, near Wheaton, Illinois, show reaction under outside Summer conditions. Why not visit these Trials—they are at their best from mid-July to end of August?

PETUNIA ALL DOUBLE LYRIC

★**All Double Lyric.** Large full-double blooms of rich light pink, lightly veined. Uniformly double, fully fringed flowers on plants that are dwarf, yet strong and vigorous growing. A clean clear pink for pots, bedding and combinations. Lyric supplies a color long missing in the All Double Petunias.

½ Trade pkt., (500 seeds) **$2.75;** Trade pkt., (1000 seeds) **$4.75;** 1/128 oz., **$8.50;** 1/64 oz., **$16.25;** 1/32 oz., **$31.00;** 1/16 oz., **$59.00;** 1/8 oz., **$112.50.**

To better display your Double Petunia, grow on in Val-Peat or Jiffy Pots.

PETUNIA VAUGHAN'S ALL DOUBLE DWARF MASTER BLEND

Instant Glamour

Vaughan's All Double Dwarf Master Blend. We consider this the finest All Double Mixture. Blended from a special formula, it contains all the important and popular florist colors in just the right proportions—all carefully selected for height uniformity, color demand and bloom time. We recommend transplanting **all,** not just the stronger plants.
½ Trade pkt. (500 seeds), **$2.50;** Trade pkt. (1000 seeds), **$4.50;** 1/128 oz., **$8.00;** 1/64 oz., **$15.50;** 1/32 oz., **$29.25;** 1/16 oz., **$55.75;** 1/8 oz., **$106.25.**

Pan American Strain

An American Grown Strain of great brilliance. The flowers are large, 3½ to 4 inches across, full-double and well fringed. Plants dwarf and compact. Recommend pinching for more dwarfness and better branching. Exceptionally fine for pot plants.

★**Allegro Improved.** Deep salmon. Very early. Something very special when grown in 6 inch pots for Mother's Day.

Caprice Improved. Bright rose.

Minuet. Orchid-lavender. A bit taller than others, should be pinched.

Nocturne. Midnight purple flower, dwarf compact plant.

Presto. Variegated rose and white. A double version of the F-1 Grandiflora Crusader.

Rhapsody. Deep burgundy wine-purple.

★**Sonata.** Pure White. Pinch once and grow on in 6 inch for Mother's Day sales.

Each of the above 7: ½ Trade pkt., (500 seeds) **$2.75;** Trade pkt., (1000 seeds) **$4.75;** 1/128 oz., **$8.50;** 1/64 oz., **$16.25;** 1/32 oz., **$31.00;** 1/16 oz., **$59.00;** 1/8 oz., **$112.50.**

Glorious Mixture. Our own formula-blend from separate colors. Taller plants should be pinched to induce better branching. Transplant all to insure color balance. Truly outstanding.

½ Trade pkt. (500 seeds), **$2.50;** Trade pkt. (1000 seeds), **$4.50;** 1/128 oz., **$8.00;** 1/64 oz., **$15.50;** 1/32 oz., **$29.25;** 1/16 oz., **$55.75;** 1/8 oz., **$106.25.**

For the finest in Petunias, grow the Instant Glamour Varieties and our special recommendations marked ★.

Large Single (Grandifloras)

For Bedding and Pots

Strong free flowering plants. Large flowers averaging 3 to 4 inches across, many plain edged, others ruffled and fringed, all of heavy substance and velvety texture. Much in demand for pot and general garden use. 12 to 16 in.

Dwarf California Giants

Despite the popularity of the newer F-1 Hybrid Petunias, the "Dwarf Giants" are still the favorites of the home gardener and those requiring the unusual in pot plants or combinations. Large deep throated ruffled giants in colors that are bright and clear. Dwarf compact plants that lend themselves to a variety of uses. Offer heavy 3 inch for Mother's Day (sow about December 15) and have blooming 3 inch for May bedding sales from a January sowing.

MASTER BLEND®

Vaughan's Master Blend.® We consider this our finest strain of "Dwarf Giants," whether it be for pots or bedding. Giant flowers on dwarf plants. In bloom when plants are small, salables are quickly produced. A formula-blend of seed from specially selected plants to which are added new colors from the workshop of the hybridizer, not yet released, such as Rose, Copper and Pinks, none of which will be found in any other strain. Bushy 12 inch plants, large ruffled blooms. Warm color tones predominate.
½ Trade pkt. (1000 seeds), **$1.00;** Trade pkt. (2000 seeds) **$1.75;** 1/64 oz., **$3.50;** 1/32 oz., **$6.00;** 1/16 oz., **$11.00;** ⅛ oz., **$20.00;** ¼ oz., **$36.00;** ½ oz., **$70.00;** oz., **$130.00.**

Dark Selection. A favorite with many growers and it has given universal satisfaction.
½ Trade pkt. (1000 seeds), **$1.00;** Trade pkt. (2000 seeds), **$1.75;** 1/64 oz., **$3.50;** 1/32 oz., **$6.00;** 1/16 oz., **$11.00;** ⅛ oz., **$20.00;** ¼ oz., **$36.00;** ½ oz., **$70.00;** oz., **$130.00.**

Extra Dwarf Giants of California. A specialist's selection bred to fill the needs of the pot plant grower. The color range is being constantly enlarged. Considered the finest of the "Dwarf Giants" for spring pots.
½ Trade pkt. (1000 seeds), **$1.00;** Trade pkt. (2000 seeds), **$1.75;** 1/64 oz., **$3.50;** 1/32 oz., **$6.00;** 1/16 oz., **$11.00;** ⅛ oz., **$20.00;** ¼ oz., **$36.00;** ½ oz., **$70.00;** oz., **$130.00.**

★**Can Can Mixed.** (F-1 Hybrid). An extra dwarf, extra early strain of California Giants Petunia. Hybrid vigor assures you the plants are more uniformly compact and dwarf, flowers larger and colors more brilliant. Outstanding. ½ trade pkt. (500 seeds), **$2.75;** trade pkt. (1000 seeds), **$4.50;** 1/128 oz., **$8.50;** 1/64 oz., **$16.00;** 1/32 oz., **$29.50;** 1/16 oz., **$58.00.**

PETUNIA
DWARF CALIFORNIA GIANTS
VAUGHAN'S MASTER BLEND

PETUNIA POPCORN

Plain Edged

★**Dwarf Elk's Pride.** Velvety violet. Customers will find our strain vastly superior to quality usually offered. It is really "re-selected." 1/128 oz., **$1.15;** 1/64 oz., **$2.00;** 1/32 oz., **$3.30;** 1/16 oz., **$5.75;** ⅛ oz., **$11.00;** ¼ oz., **$20.00;** oz., **$72.00.**

Giant Flaming Velvet. Vivid velvety blood-red, comes 100% true. 1/128 oz., **$1.15;** 1/64 oz., **$2.00;** 1/32 oz., **$3.30;** 1/16 oz., **$5.75;** ⅛ oz., **$11.00;** ¼ oz., **$20.00;** oz., **$72.00.**

Popcorn. Pure white flower, dwarf compact plants which retain habit through season.
1/128 oz., **$1.50;** 1/64 oz., **$2.75;** 1/32 oz., **$5.00;** 1/16 oz., **$9.50;** ⅛ oz., **$18.00;** ¼ oz., **$33.00;** oz., **$100.00.**

★**Snow Storm Improved.** Flowers are the purest white and the uniformity of the dwarf compact growth is marvelous.
1/128 oz., **$1.15;** 1/64 oz., **$2.00;** 1/32 oz., **$3.30;** 1/16 oz., **$5.75;** ⅛ oz., **$11.00;** ¼ oz., **$20.00;** oz., **$72.00.**

White Cloud. 12 in. A great favorite on account of its dwarf compact habit.
1/128 oz., **$1.15;** 1/64 oz., **$2.00;** 1/32 oz., **$3.30;** 1/16 oz., **$5.75;** ⅛ oz., **$11.00;** ¼ oz., **$20.00;** oz., **$72.00.**

Fringed

★**Fringed Snowstorm.** Pure glistening white flowers with a slight tinge of yellow in the throat. Blooms are deeply fringed. Breaks nicely to produce a compact plant. Ideal for pots and bedding.
1/128 oz., **$1.25;** 1/64 oz., **$2.25;** 1/32 oz., **$3.75;** 1/16 oz., **$6.75;** ⅛ oz., **$12.00;** ¼ oz., **$22.00;** oz., **$80.00.**

★**Fluffy Ruffles.** Large flowers, finely fringed and ruffled. A balanced blend of pinks, white, salmon, deep rose and light blue. Outstanding in our Trials.
1/128 oz., **$1.00;** 1/64 oz., **$1.90;** 1/32 oz., **$3.75;** 1/16 oz., **$5.75;** ⅛ oz., **$10.50;** ¼ oz., **$19.00;** oz., **$70.00.**

Little Giants Mixed. A brilliant and gay mixture. Large fringed and ruffled flowers cover the dwarf erect growing plants. Colors range from red to pink and red and white combinations.
1/128 oz., **85c;** 1/64 oz., **$1.55;** 1/32 oz., **$2.75;** 1/16 oz., **$5.00;** ⅛ oz., **$9.00;** ¼ oz., **$16.00;** oz., **$48.00.**

F-2 Grandiflora

Carnival. A wide color range in vigorous grandiflora type, about 80% of the blooms being large and fringed, waved and ruffled. Seed is from specially selected and bred varieties of F-1 Petunias from which it obtains plant vigor, habit and freedom of bloom.
1/128 oz., **$1.35;** 1/32 oz., **$3.85;** 1/16 oz., **$7.00;** ⅛ oz., **$12.00;** ¼ oz., **$21.00;** oz., **$63.00.**

Ruffled Giants with Large-Veined Throats

Tall "giants" averaging 5 to 6 inches in diameter. Heavily ruffled, deep throated blooms. A free flowering mixture of light and dark shades. Particularly suited to outdoor growing where they provide brilliant color under the most adverse conditions.

★**Giants of California Mixed.** This is a most superb mixture, not at all to be compared with the seed usually offered.
1/128 oz., **75c;** 1/64 oz., **$1.35;** 1/32 oz., **$2.50;** 1/16 oz., **$4.50;** ⅛ oz., **$8.00;** ¼ oz., **$15.00;** oz., **$45.00.**

PETUNIA F-2 STARRED VARIETY MIXTURE

PETUNIA F-2 COLORAMA

Dwarf Bedding Petunias

Dwarf compact free flowering plants, medium sized plain edged single flowers. Our list includes the "tried and true" favorites much in demand by the bedding plant grower. We have not included the F-1 Hybrid Multifloras which are in a class by themselves. 12 to 16 in.

★**Admiral, Extra Reselected.** Dwarf clear blue of good size and even compact growth.
1/128 oz., **85c;** 1/64 oz., **$1.50;** 1/32 oz., **$2.75;** 1/16 oz., **$5.00;** 1/8 oz., **$9.50;** 1/4 oz., **$17.00;** oz., **$50.00.**

Blue Bedder. An early flowering mid-blue.
1/16 oz., **45c;** 1/4 oz., **$1.30;** oz., **$4.20;** 4 oz., **$12.50;** lb., **$37.50.**

★**Celestial Rose Improved.** Bright rose-pink. The finest strain for pots and bedding.
1/16 oz., **65c;** 1/8 oz., **$1.10;** 1/4 oz., **$2.00;** oz., **$6.60;** 4 oz., **$20.00;** lb., **$60.00.**

Cheerful. Clear salmon pink with deeper rose veining at the throat. Free flowering.
1/32 oz., **85c;** 1/16 oz., **$1.50;** 1/8 oz., **$2.25;** 1/4 oz., **$4.00;** oz., **$12.00.**

★**Elk's Star.** The blue-purple of Howard's Star uniformly marked with pure white star. Combines well with Rosy Morn both for height and interesting color arrangement.
1/64 oz., **60c;** 1/16 oz., **$1.85;** 1/8 oz., **$3.30;** 1/4 oz., **$6.00;** oz., **$18.00.**

Fire Chief. Brilliant scarlet-red, very free flowering over a long season. A popular retail color.
1/64 oz., **55c;** 1/16 oz., **$1.75;** 1/8 oz., **$3.00;** 1/4 oz., **$5.00;** oz., **$15.00;** 4 oz., **$45.00.**

★**Glow.** Flowers of dazzling carmine rose averaging 2½ inches in size. The brightest in this group.
1/32 oz., **50c;** 1/8 oz., **$1.50;** 1/4 oz., **$2.75;** oz., **$8.00;** 4 oz., **$24.00.**

★**King Henry** (Dwarf Flaming Velvet). Rich velvety blood-red. Very free flowering. Excellent pot variety.
1/128 oz., **50c;** 1/32 oz., **$1.45;** 1/16 oz., **$2.75;** 1/8 oz., **$5.25;** 1/4 oz., **$10.00;** oz., **$30.00.**

Lipstick. Medium sized single flowers of rich carmine rose with just a suggestion of salmon cover the compact plants. Shows resistance to fading.
1/64 oz., **50c;** 1/16 oz., **$1.40;** 1/8 oz., **$2.20;** 1/4 oz., **$4.00;** oz., **$12.00.**

★**Rosy Morn Select.** Pink with white throat.
1/16 oz., **60c;** 1/8 oz., **$1.00;** 1/4 oz., **$1.75;** oz., **$5.50;** 4 oz., **$16.00;** lb., **$48.00.**

★**Snowball Improved.** The outstanding bedding White. Good sized flowers, compact plants and freedom of bloom over a long season, combine in making it the finest of the bedding whites.
1/16 oz., **60c;** 1/8 oz., **$1.00;** 1/4 oz., **$1.75;** oz., **$5.50;** 4 oz., **$16.00;** lb., **$48.00.**

★**Vaughan's Special Dwarf Mixture.** Our own "formula-blend" which includes all the varieties listed in this group. Free flowering, bright colors—sure to please you and your customers.
1/16 oz., **60c;** 1/8 oz., **$1.00;** 1/4 oz., **$1.75;** oz., **$5.50;** 4 oz., **$16.00;** lb., **$48.00.**

Dwarf Bedding Mixed. An interesting blend of good bedding sorts.
1/16 oz., **50c;** 1/4 oz., **$1.50;** oz., **$4.50;** 4 oz., **$13.00;** lb., **$40.00.**

New F-2 Dwarfs

The F-2 Petunia is rapidly superseding the open pollinated variety with which it should be compared. In all instances it will be found superior in hybrid vigor and trueness to color.

★**Silver Blue.** This soft silver blue replaces the popular Sky Chief, showing a definite tendency to resist fading under hot weather conditions.

★**Twinkles.** Hybrid vigor and trueness to color have been bred into this new strain with its brilliant rose flower and well defined white star.

Each the above 2: 1/32 oz., **55c;** 1/8 oz., **$1.65;** 1/4 oz., **$3.00;** oz., **$9.00;** 4 oz., **$33.00;** lb., **$100.00.**

F-2 Dwarf Mixtures

The F-1 Hybrid varieties used in these mixtures are planted and harvested as separate colors and then carefully blended to insure perfect color balance. Uneven plant habit, so often found in even the finest of Bedding Mixtures, is eliminated by the use of the F-2 Mixture. 15 to 18 in.

Colorama. Uniformly large blooms, compact even habit, very free flowering. A complete range of color from white to deepest blue and red, some starred combinations.
1/32 oz., **55c;** 1/8 oz., **$1.75;** 1/4 oz., **$3.00;** oz., **$8.00;** 4 oz., **$24.00;** lb., **$72.00.**

Starred Variety Mixture. Rich blues, deepest reds, rose and pink provide the color background for the purest of white star. Compact even habit, free flowering and early to bloom.
1/32 oz., **55c;** 1/8 oz., **$1.75;** 1/4 oz., **$3.00;** oz., **$8.00;** 4 oz., **$24.00;** lb., **$72.00.**

PENTSTEMON SENSATION MIXED

PHLOX DWARF MASTER BLEND

Phlox Dwarf Master Blend

"Our Finest Florist Strain"

Instant Glamour

Comes into flower when plants are quite small. A striking array of gay and bright colors. Early blooming for the flat grower; well adapted to pot and combination work or for use in the border. 1/16 oz., **75c;** 1/8 oz., **$1.25;** 1/4 oz., **$2.00;** 1/2 oz., **$3.50;** oz., **$6.00;** 4 oz., **$18.00;** lb., **$54.00.**

Pentstemon

ANNUAL 55,000 seeds oz. 68-80° 2-3 weeks

These attractive tubular or bell-shaped flowers produced on good strong spikes make very fine plants that are exceptionally good for bedding and border planting. Although perennial in warmer climate, they are easily grown as annuals. Sow seed early and treat as other annual bedding plants. From a March sowing of seed, plants were in full flower in our Trials early in July.

★**Sensation.** The most brilliant and varied colors; many of them are beautifully edged with a fine contrasting color. 2 ft. 1/16 oz., **45c;** 1/4 oz., **$1.25;** oz., **$4.00;** 4 oz., **$12.00;** lb., **$44.00.**

PERENNIAL 15,000 seeds oz. 68-86°

Slow and uneven to germinate.

Perennial Varieties Mixed. Very hardy. 1/16 oz., **45c;** 1/4 oz., **$1.25;** oz., **$4.00;** 4 oz., **$12.00;** lb., **$44.00.**

Phlox Drummondi

ANNUAL 15,000 seeds oz. 68° 2-3 weeks.

A showy bedding annual more popular than ever. Neat compact habit, freedom of bloom and ability to withstand heat combine in making the Phlox valuable bedding and border material. Bright attractive colors.

The neat, compact plant habit of the dwarf sorts make them especially valuable for use in combinations or as small pot plants. Grow some of our Dwarf Master Blend and you'll find ready sale in 3's or 4's. Handle as you would Petunias, sowing at the same time.

GRANDIFLORA 15 to 18 in. These make fine cutflowers.

Vaughan's Special Annual Mixture. A formula blend that includes all the popular color tones. 1/8 oz., **50c;** 1/4 oz., **80c;** oz., **$2.50;** 4 oz., **$7.50;** lb., **$22.00.**

Cuspidata Mixed. (Star of Quedlinburg). A mixture of star-shaped flowers. A good range of color. 1/8 oz., **55c;** 1/4 oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00;** lb., **$27.00.**

Gigantea Art Shades. Soft pastel color tones, all with white eye. Large individual florets. 1/8 oz., **70c;** 1/4 oz., **$1.20;** oz., **$3.60;** 4 oz., **$10.75;** lb., **$32.00.**

Glamour. All America Bronze Metal 1960. The extra large blooms are borne in graceful clusters on dwarf bushy plants. Uniform plant habit and sturdy stem makes it ideal for bedding and cutting. 12 in. 1/64 oz., **85c;** 1/16 oz., **$2.50;** 1/8 oz., **$4.50;** 1/4 oz., **$8.00;** oz., **$30.00.**

DWARF SORTS 6 to 8 in. Dwarf and compact, for low borders.

Vaughan's Beauty. Large flowered dwarf Phlox for pots, combinations and border. Compact, free flowering. 8 in.

Blue Beauty	**Pink Beauty**
Salmon Beauty	**Scarlet Beauty**
White Beauty	**Formula Mixed**

Each of the above: 1/8 oz., **85c;** 1/4 oz., **$1.50;** oz., **$4.50;** 4 oz., **$16.00;** lb., **$58.00.**

Globe Mixed. Uniform, compact habit. The full plants are globe or dome shaped. Well balanced color range. Very showy. 8 in. 1/16 oz., **85c;** 1/8 oz., **$1.50;** 1/4 oz., **$2.50;** oz., **$8.00;** 4 oz., **$24.00;** lb., **$72.00.**

Twinkle. Dainty star-like flowers with pointed petals, in a wide range of color that includes solids as well as many bicolors. The dwarf compact habit of the plant and freedom of bloom make it ideal for pots, combinations and bedding. 1/16 oz., **75c;** 1/8 oz., **$1.25;** 1/4 oz., **$2.00;** 1/2 oz., **$3.50;** oz., **$6.00;** 4 oz., **$18.00;** lb., **$54.00.**

Phlox

PERENNIAL 2,500 seeds oz.

Recommend over-winter freezing. Sow outside in late Fall and seed will germinate in Spring. Can also be refrigerated for one month and then sown.

Divaricata. Flowers are of royal blue-lavender which varies a bit. Fragrant. 1 1/4 ft. 1/32 oz., **70c;** 1/8 oz., **$2.20;** 1/4 oz., **$4.00.**

Decussata. Perennial varieties mixed. Seed germinates slowly. 1/8 oz., **55c;** 1/4 oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00;** lb., **$32.00.**

Physalis

PERENNIAL 18,000 seeds oz. 54-90° 3-4 weeks.

Franchetti (Chinese Lantern Plant). Large bright orange scarlet pods, useful for winter decorations. 1/16 oz., **40c;** 1/4 oz., **$1.00;** oz., **$3.00;** 4 oz., **$10.00;** lb., **$36.00.**

Physostegia

PERENNIAL 16,000 seeds oz. 54-90° 2-3 weeks.

Virginica. Deep rose flowers in close compact spikes. 1/16 oz., **45c;** 1/4 oz., **$1.25;** oz., **$4.00;** 4 oz., **$14.00;** lb., **$42.00.**

Platycodon

PERENNIAL 28,000 seeds oz. 54-90° 2-3 weeks.

Bell-like flower on graceful stem from June to September. An attractive garden perennial.

Grandiflorum Blue, 28 in. **Album White,** 28 in.
Each of the above 2: 1/16 oz., **50c;** 1/8 oz., **85c;** 1/4 oz., **$1.55;** oz., **$4.50;** 4 oz., **$13.50.**

Mariesii. Dark blue, dwarf, 16 in.
1/16 oz., **50c;** 1/4 oz., **$1.50;** oz., **$5.00;** 4 oz., **$18.00.**

Plumbago

ANNUAL 2,000 seeds oz. 68-86° 3-4 weeks.

Capensis. Spikes of rich pale blue flowers.
100 seeds, **$1.00;** 1,000 seeds, **$10.00.**

Poppy—Papaver

ANNUAL 72,000 seeds oz., 55° 1-2 weeks.

American Legion. Orange-scarlet flowers; are remarkable keepers.
1/4 oz., **35c;** oz., **$1.00;** 4 oz., **$3.00;** lb., **$9.00.**

Shirley (Rhoeas). **Sweet Briar.** A delightful shade of deep rosepink. The blossoms are full double, resembling a very large double begonia.
1/4 oz., **35c;** oz., **$1.00;** 4 oz., **$3.00;** lb., **$9.00.**

Shirley Double Mixed. Bright colors.
1/16 oz., **30c;** 1/4 oz., **75c;** oz., **$2.25;** 4 oz., **$6.75.**

Vaughan's Special Mixture of Shirley Varieties.
1/4 oz., **35c;** oz., **$1.00;** 4 oz., **$3.00;** lb., **$9.00.**

Nudicaule (Iceland) X Poppy

PERENNIAL 448,000 seeds oz., 54°, 1-2 weeks.

NUDICAULE (Iceland). The best strain for Spring greenhouse forcing. Recommend seed be sown directly into beds or pots. Quick growing, showy border plant.

The Emperor. Large-flowered, orange, long-stemmed.
1/16 oz., **45c;** 1/4 oz., **$1.25;** oz., **$4.00;** 4 oz., **$12.00;** lb., **$44.00.**

Giant Hybrids. Large flowers, sturdy stem and a wide range of color. Includes the finest of the Nudicaule (Iceland) Strains.
1/16 oz., **40c;** 1/4 oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00;** lb., **$27.00.**

Oriental Poppy

PERENNIAL 150,000 seeds oz., 54°, 1-2 weeks.

ORIENTALE. Crinkled petals, large cup-like flower. After cutting newly opened flower in early morning or late evening, they will keep 3 to 5 days in water if stem is burned within 5 minutes.

Orientale (Oriental Poppy). Scarlet. 3 ft.
1/16 oz., **30c;** 1/4 oz., **65c;** oz., **$2.20;** 4 oz., **$6.50;** lb., **$20.00.**

Beauty of Livermere. Oxblood-red with dark blotch.

Princess Victoria Louise. Light orange-salmon flower, tulip-like in form. 40 in.

Orientale Hybrids. Our own formula-blend which includes many of the newer named sorts.

Each the above 3: 1/16 oz., **45c;** 1/4 oz., **$1.25;** oz., **$4.00;** 4 oz., **$12.00;** lb., **$36.00.**

PORTULACA DOUBLE FINEST MIXED

Portulaca—Moss Rose

ANNUAL 300,000 seeds oz. 68-86° 2-3 weeks.

A showy annual. Sow seed thinly in flats for late spring sales.

Instant Glamour

Double Finest Mixed. Double flowers resembling miniature roses. A brilliant array of color, including some of the newer orchid and salmon tones. Comes practically 100% full-double.
1/16 oz., **45c;** 1/4 oz., **$1.25;** oz., **$3.90;** 4 oz., **$11.00;** lb., **$33.00.**

Single Jewel. A brilliant deep crimson coloring; flowers four times as large as the average.
1/16 oz., **50c;** 1/4 oz., **$1.50;** oz., **$5.00;** 4 oz., **$15.00.**

Single large-flowering sorts, mixed. 1/16 oz., **30c;** 1/4 oz., **80c;** oz., **$2.70;** 4 oz., **$8.00;** lb., **$24.00.**

Polemonium

PERENNIAL 34,500 seeds oz. 68-86° 2-3 weeks.

Coeruleum. (Jacob's Ladder) Blue. 1/16 oz., **40c;** 1/4 oz., **$1.00;** oz., **$3.60;** 4 oz., **$10.00;** lb., **$30.00.**

Primula

See page 36

Pyrethrum

ANNUAL 68-86° 1-3 weeks.

Parthenifolium Aureum (Golden Feather).
1/4 oz., **35c;** oz., **$1.00;** 4 oz., **$3.00;** lb., **$10.75.**

Pyrethrum (Painted Daisies)

PERENNIAL 18,000 seeds oz. 68-86° 1-2 weeks.

An excellent source of summer cutflowers, requiring a minimum of care. Double Pyrethrum does not produce 100% double flowers—the percentage is better the second year it blooms.

Roseum James Kelway. Deep scarlet, varies.

Robinson's Dark Crimson **Robinson's Rose**
Robinson's Giant Hybrids. Extra large single flowers, long stiff stems.

Each of the above 4: 1/16 oz., **60c;** 1/4 oz., **$1.75;** oz., **$5.00;** 4 oz., **$15.00;** lb., **$45.00.**

Double Mixed. Extra choice. 1/16 oz., **85c;** 1/8 oz., **$1.55;** 1/4 oz., **$2.75;** oz., **$8.00;** 4 oz., **$24.00.**

Rudbeckia

PERENNIAL 7,000 seeds oz. 68-86° 2-3 weeks.

Purpurea (Echinacea). Reddish-purple flowers. 4 ft.
1/16 oz., **40c;** 1/4 oz., **$1.00;** oz., **$3.30;** 4 oz., **$10.00;** lb., **$30.00.**

Primula Veris

PERENNIAL 33,000 seeds oz. 68° 3-6 weeks.

For spring pot work and as garden subjects, there is nothing finer. Outdoor grown plants lifted in the Fall make fine specimen pot plants from February on.

Veris Giant Crimson.
1/32 oz., **$1.00;** 1/16 oz., **$1.90;** 1/8 oz., **$3.30;** 1/4 oz., **$6.00;** oz., **$18.00.**

Lutea. Yellow.
1/16 oz., **65c;** 1/8 oz., **$1.10;** 1/4 oz., **$2.00;** oz., **$6.00.**

★**Colossea Mixed. Highly Commended Wisley Trials 1952.** Large flowerheads on long stiff stalks well above foliage. Valuable for cutflowers and early forcing. Individual florets average 1 3/4 in. across in a range of color including new shades of lilac, pink, copper as well as darkest red.
1/32 oz., **$1.25;** 1/8 oz., **$3.30;** 1/4 oz., **$6.00;** oz., **$18.00.**

★**Giant Bouquet. Award of Merit Wisley Trials 1952.** The flowers being of exceptional size, often 2 inches across, produced in great numbers in a wide range of color, white to cream, yellow, scarlet, purple and crimson. Strong stems, excellent for cutting. The plant habit is dwarf and compact. A splendid show variety.
1/32 oz., **$1.35;** 1/8 oz., **$3.50;** 1/4 oz., **$6.50;** oz., **$20.00.**

Pacific Strain Polyanthus Primroses

The most hardy and easiest to grow of all the Primrose family. The work of many years is represented in this strain; the stems are longer, flowers and flower heads the largest we have ever seen with a wider clearer color range.

Blue Shades
White
Pink Shades
Scarlet and Bright Red
Rose Shades
Yellow and Bronze Shades

Mixed. A formula-blend which includes all the above.

Each of the above: 1/64 oz., **$4.00;** 1/16 oz., **$12.00;** 1/4 oz., **$36.00.**

Mixed. The Introducer's Strain. Trade pkt. (450 seeds), **$4.00.**

Primula Various Sorts

PERENNIAL 33,000 seeds oz. 68° 3-6 weeks.

Germination temperatures in this group will vary.

Acaulis Blue. The finest obtainable being regular and rich in color.
1/128 oz., **$1.10;** 1/64 oz., **$2.00;** 1/32 oz., **$3.60;** 1/16 oz., **$6.50;** 1/8 oz., **$11.75.**

Auricula, Monarch Strain Mixed. The finest strain of Exhibition Auricula. Wonderful markings on perfectly formed flowers.
1/32 oz., **95c;** 1/16 oz., **$1.75;** 1/8 oz., **$3.00;** 1/4 oz., **$5.25;** oz., **$16.00.**

Cashmeriana. Lilac, early, hardy. 12 in.
1/64 oz., **70c;** 1/32 oz., **$1.25;** 1/16 oz., **$2.25.**

Japonica Mixed. Bright flowers borne in whorls on stems 6 to 9 in. long.
1/16 oz., **60c;** 1/8 oz., **$1.10;** 1/4 oz., **$2.00.**

Vulgaris. × True. Yellow Primrose. 6 in.
1/16 oz., **65c;** 1/8 oz., **$1.10;** 1/4 oz., **$1.90;** oz., **$6.75.**

Primula Chinese Giant

ANNUAL 18,000 seeds oz. 68° 3-4 weeks.

A showy, colorful pot plant. Popular with retail growers. Sow from March on for Christmas and later.

Vaughan's Special Mixture. 1/128 oz., **$1.10;** 1/64 oz., **$2.00;** 1/32 oz., **$3.50.**

Primula Malacoides

ANNUAL 12,000 seeds 1/32 oz., 68-86° 2-3 weeks.

Malacoides or **Baby Primroses** are of easy culture. Grow in an airy cool house (45° fahrenheit night temperature) and take particular care planting is not allowed to get dry between waterings. Seed may be sown from May until October for Spring blooming pot plant sales. September sown seed will produce nice plants for Easter and Mother's Day. Sow in sterile soil.

Glory of Riverside Improved. True rose-pink. 1/128 oz., **$1.50;** 1/64 oz., **$2.75;** 1/32 oz., **$5.25;** 1/16 oz., **$9.50.**

Mrs. Eriksson of Riverside. Large flowers of deep rose-red.

White Giant. (Pure White). Large pure white flowers on strong stems; good for combinations.

Each of the above 2: 1/128 oz., **$1.85;** 1/64 oz., **$3.30;** 1/32 oz., **$6.00;** 1/16 oz., **$11.00.**

Malacoides Special Mixed. A formula-blend.
1/128 oz., **$1.50;** 1/64 oz., **$2.75;** 1/32 oz., **$5.25;** 1/16 oz., **$9.50.**

PRIMULA PACIFIC STRAIN MIXED

Primula Obconica

ANNUAL 4,000 seeds 1/32 oz., 55-90° 3-4 weeks.

A favorite pot plant. Showy large flowers. Sow from January on for bloom at Christmas and into early Spring.

Grandiflora Avalanche. White.

Dark Blood Red.

Sky-Blue (Konigsee). Extra-large flowers.

Fasbender Red. Flowers rich deep red of enormous size.

Mueller's (Berlin) Rose.

Mixed, many colors.

Each of the above: 1/128 oz., **$1.50;** 1/64 oz., **$2.75;** 1/32 oz., **$5.00;** 1/16 oz., **$9.00.**

Gigantea Wyaston Wonder Crimson. Huge heads of flowers carried on strong stems well above the foliage. In spite of the vigorous growth they make a compact and tidy plant.
1/128 oz., **$1.85;** 1/64 oz., **$3.30;** 1/32 oz., **$6.00;** 1/16 oz., **$10.50.**

Queen Anne's Lace Flower

ANNUAL 36,500 seeds oz. 68° 3-5 weeks

Large lacy white flower heads. A good filler for baskets, 2 ft.
1/8 oz., **35c;** 1/4 oz., **60c;** oz., **$1.80;** 4 oz., **$5.40.**

Ranunculus (Buttercup)

PERENNIAL 5,700 seeds oz. 68° 1-4 weeks.

Giant Mixed (Asiaticus). A reselected strain. Double large flowers in a wide range of color. 1/16 oz., **40c;** 1/4 oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00;** lb., **$32.00.**

Ricinus—Castor Beans

ANNUAL 60 seeds oz. 68-86° 2-3 weeks.

Tall large leaved plants for hedges and use as a windbreak.

Mixed. Many kinds. Oz., **35c;** 4 oz., **90c;** lb., **$3.00.**

Zanzibariensis (30 seeds per oz.) **Mixed.** Giant leaves.
Oz., **35c;** 4 oz., **$1.00;** lb., **$3.00.**

Rock Plants

Perennial Mixed. 1/16 oz., **45c;** 1/4 oz., **$1.20;** oz., **$3.60;** 4 oz., **$10.50;** lb., **$32.00.**

Baby Roses

Polyantha. Multitudes of tiny roses in varied and interesting colorings, largely white, blush and delicate pink. Flowers are single to fully double and more-or-less everblooming. Quickly grown from seed, may be had in flower within 3 months from sowing. For pots or window boxes, they bloom year after year with a minimum of attention. 1/128 oz., **75c;** 1/64 oz., **$1.35.**

Salvia Splendens

ANNUAL 7,500 seeds oz. 68-86° 2-3 weeks.
Colorful brilliant scarlet annual. A popular bedding plant. Sow seed in flats and give bottom heat to assist germination. We have divided this family into three groups, the earliest in each group being first. Dates shown are from a late March sowing.

Dwarf

Fireball. June 20-25. An extra early, Salvia coming into flower a week to ten days before St. John's Fire. Of dwarf, compact habit, exceptionally fine for pots and early blooming for flats. 10 in.
1/16 oz., **$1.25;** 1/8 oz., **$2.25;** 1/4 oz., **$4.00;** oz., **$12.00;** 4 oz., **$36.00.**

Instant Glamour

★St. John's Fire. June 25-30. The most popular early dwarf red. Our own reselected strain coming into flower early, while plants are but a few inches tall, remaining in flower until frost. The bright scarlet spikes stand densely and rigidly upright above the foliage on uniformly compact plant. 13 in.
1/16 oz., **90c;** 1/4 oz., **$2.75;** oz., **$8.50;** 4 oz., **$25.00;** lb., **$100.00.**

Salmon Pygmy. A rich salmon-pink bloom, dwarf compact plants and early free-flowering habit make it ideal for pot work. In bloom early thus enabling the flat grower to offer it in color for Spring sales. 10 in.
1/32 oz. **$1.00;** 1/16 oz., **$1.80;** 1/4 oz., **$6.00;** oz., **$18.00.**

Blaze of Fire. June 30-July 5. Early and free flowering, coming into bloom shortly after St. John's Fire. 14 to 16 in.
1/16 oz., **85c;** 1/4 oz., **$2.50;** oz., **$7.25;** 4 oz., **$22.00;** lb., **$88.00.**

Medium

Hot Jazz. July 5-10. Long tightly packed spikes of deepest scarlet flowers in striking contrast to the deep green foliage. Follows Blaze of Fire into flower. Considered one of the best all-around Salvias. 14 in.
1/16 oz., **75c;** 1/4 oz., **$2.00;** oz., **$6.00;** 4 oz., **$18.00;** lb., **$72.00.**

Harbinger (Masterpiece) July 10-15. One of the earliest of this group. Scarlet, 16 in. 1/16 oz., **75c;** 1/4 oz., **$2.00;** oz., **$6.00;** 4 oz., **$18.00;** lb., **$72.00.**

★America. (Globe of Fire). July 25-30. The favorite of many. Uniform dense globe-shaped bushes. 18 in. 1/16 oz., **50c;** 1/4 oz., **$1.50;** oz., **$5.00;** 4 oz., **$15.00;** lb., **$60.00.**

Rose Flame. August 7-10. Rich coral pink. 16 in.
1/16 oz., **75c;** 1/4 oz., **$2.00;** oz., **$6.00.**

Tall

Bonfire (Clara Bedman). July 25-30. Erect habit, the old standby. Dark green foliage. 25 in. 1/16 oz., **50c;** 1/4 oz., **$1.50;** oz., **$5.00;** 4 oz., **$15.00;** lb., **$60.00.**

Splendens Type (Scarlet Sage). August 10-15. Tall growing, scarlet. 24 to 30 in. 1/16 oz., **45c;** 1/4 oz., **$1.25;** oz., **$4.00;** 4 oz., **$12.00;** lb., **$48.00.**

Salvia Farinacea

Blue Bedder. (24,000 seeds per oz.) July 1. 3 ft. Compact plant, deep true blue flowers, dark stems, narrow leaves. Effective in mass planting. Long graceful stems for cutting. 1/16 oz., **50c;** 1/4 oz., **$1.50;** oz., **$4.50;** 4 oz., **$13.50;** lb., **$54.00.**

Salvia

PERENNIAL 3,800 seeds oz. 68-86° 2-3 weeks.
Patens. Very large flowers, splendid blue, free bloomer. 2½ ft.
1/16 oz., **60c;** 1/4 oz., **$1.75;** oz., **$5.50;** 4 oz., **$20.00.**

★Saintpaulias

ANNUAL 750,000 seeds oz. 85° 3-4 weeks.
Hybrids. Flowers are in varied shades of blue, lilac and pink; the plants dwarf, bushy and compact with leaves of dark green. Trade pkt., (800 seeds) **$2.00;** 1/128 oz., **$20.00;** 1/64 oz., **$37.50;** 1/32 oz., **$68.00;** 1/16 oz., **$125.00.**

Salpiglossis

ANNUAL 125,000 seeds oz. 68-86° 2 weeks.
A summer flowering showy annual, easily grown from seed. A greenhouse sowing in January-February will provide cutflowers in May-June. Velvety textured, funnel-shaped flowers. 20 in.

Bolero Mixed. (F-2). A new strain outstanding for flower size, vigorous growth and complete range of color. Blooms profusely.
1/16 oz., **40c;** 1/4 oz., **$1.20;** oz., **$3.60;** 4 oz., **$10.50.**

SALVIA SPLENDENS ST. JOHN'S FIRE

Sanvitalia

ANNUAL 42,000 seeds oz. 68° 1-2 weeks.

Procumbens Fl. Pl. (Creeping Zinnia). Double yellow, dwarf, edging plant. 1/8 oz., **50c;** 1/4 oz., **90c;** oz., **$2.75.**

Saponaria

PERENNIAL 5,500 seeds oz. 68° 2-3 weeks.
Ocymoides Splendens. ×. Rosy purple. For border or rockery.
1/8 oz., **35c;** 1/4 oz., **50c;** oz., **$1.50;** 4 oz., **$4.50.**

Scabiosa

Double Large Flowering (Pincushion Flower)

ANNUAL 4,500 seeds oz. 68-86° 2-3 weeks.

Azure Fairy. Azure blue. A splendid cut flower.
1/8 oz., **45c;** 1/4 oz., **75c;** oz., **$2.25;** 4 oz., **$6.75.**

Dwarf Mixed. 8 in. 1/8 oz., **60c;** 1/4 oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00.**

Imperial Giants

Extremely large flowers composed entirely of broad frilled petals, arranged in a perfect ball, no "pincushion." Plants are tall and upright and bear flowers on long wiry stems. 42 to 48 in.
★Blue Moon. Deep lavender blue, fine for cut-flowers.
★Coral Moon. Shades of medium to deep salmon.
★Silver Moon. Pure paper white.
Each of the above: 1/8 oz., **45c;** 1/4 oz., **75c;** oz., **$2.25;** 4 oz., **$6.75.**

★Vaughan's Super Crown Imperial Mixed. Extremely large flowers arranged in a perfect ball. An excellent range of color.
1/8 oz., **40c;** 1/4 oz., **65c;** oz., **$2.00;** 4 oz., **$6.00.**

Scabiosa

PERENNIAL 2,000 seeds oz. 68-86° 2-3 weeks.
Caucasica Alba. Pure white. 40 in.
1/8 oz., **70c;** 1/4 oz., **$1.25;** oz., **$4.00.**

Caucasica Perfecta. Lavender. Fringed flowers, very large and beautiful. 1/8 oz., **70c;** 1/4 oz., **$1.25;** oz., **$4.00.**

House's New Hybrids. Flowers very large and of beautiful form, ranging in color from light azure blue and lavender to deep blue and silvery white. 1/8 oz., **70c;** 1/4 oz., **$1.25;** oz., **$4.00.**

Vaughan's Special Mixture. All the above Caucasica types.
1/8 oz., **70c;** 1/4 oz., **$1.20;** oz., **$3.60.**

ANNUAL 220,000 seeds oz. 54° 1-2 weeks.

There is no Annual better suited to Spring Plant Sales than the Snapdragon. It is available in all heights; bright gay colors providing a wealth of cutting material throughout the Summer and well into Fall.

GIANT RUFFLED TETRA

Large closely set florets on massive spike. Rich green, thick textured foliage. An excellent cutting strain.

Candlelight. (Yellow). Clear bright yellow.

Crimson. Deep but bright velvety crimson flower on long, broad tapering spike.

Orchid. Rich orchid-purple with sulphur-yellow blotch on lower lip.

Shades of Pink and Rose. Ranging from light to the deeper tones of rose.

White. Creamy white changing to pure white as flower ages. The primrose throat provides a striking contrast.

Each of the above 5: 1/32 oz., **50c;** 1/8 oz., **$1.50;** 1/4 oz., **$2.75;** oz., **$8.25.**

Vaughan's Tetra Supreme Mixed. Flowers of exceptional beauty, size and vigor. A full range of color which includes shell pink to the deepest rose, dark bronze through orange to palest yellow with many intermediate sunset tints. A truly outstanding blend. 1/32 oz. **45c;** 1/8 oz., **$1.25;** 1/4 oz., **$2.00;** oz., **$6.75.**

SNAPDRAGON PANORAMA (F-2)

Bred to increase the vigor of existing strains, the Panorama Snapdragon produces graceful spikes closely set with individual florets of good size and strong sturdy stems. Plant vigor and evenness of habit are insured since this F-2 generation is from specially selected F-1 hybrids. Excellent for cutting and use in the garden border.

Panorama Formula Mixture. Includes bronze, red, white, lavender, rose pink and yellow in just the right proportion. 1/32 oz. **60c;** 1/8 oz., **$1.75;** 1/4 oz., **$3.00;** oz., **$9.00.**

Snapdragon Master Blend (F-2.)® Large individual florets on long spikes. Plants are strong and robust. The color range most complete, from white to soft orchid through yellow, rose to deep velvety red and white. Early to bloom, excellent for cutting or in the garden border. 1/32 oz., **60c;** 1/8 oz., **$1.75;** 1/4 oz., **$3.00;** oz., **$9.00.**

Instant Glamour

SNAPDRAGON F-1 SUNRISE

This new F-1 Garden Strain is extra early, coming in 2 to 3 weeks before the Rockets. Long flower spike, strong stem, clean green foliage. Colors that are rich, bright and attractive. For bedding, cutting and border work, there is no finer strain than "Sunrise."

White, a creamy white
Yellow
Crimson
Deep Rose
Golden Orange
Rose Pink
Formula Mixed. Our own blend in just the right color proportions.

Each the above 7: Trade pkt. (500 seeds), **$1.75;** 1/128 oz., **$3.00;** 1/64 oz., **$5.50;** 1/32 oz., **$10.00;** 1/16 oz., **$19.25;** 1/8 oz., **$36.50;** 1/4 oz., **$69.50;** 1/2 oz., **$132.00;** oz., **$252.00.**

F-1 ROCKET SNAPDRAGONS

Instant Glamour

The first F-1 Hybrid Snapdragon bred for garden use and showing hot weather tolerance. Long spikes evenly spaced florets on vigorous, uniform plants. Seven rich, distinct colors and a formula mixture. So outstanding were they in the 1958 Trials that All America Selections awarded them a Bronze Medal for 1960.

For Summer cutting, sow seed in January, grow on in 3 inch peat pots and pinch. Set out about April 1st for June cutflowers. Rose, Pink White and Yellow (gold) are in much demand, with lesser quantities of lavender (orchid), bronze and red.

Bronze · Red · Gold · Rose · Orchid · White · Pink

Formula Mixed. These "Rocket" Snaps have been carefully selected and blended by the introducer to insure a full range of colors and include all varieties listed.

Each of the above 8: Trade Pkt. (500 seeds) **$1.75;** 1/128 oz., **$3.00;** 1/64 oz., **$5.50;** 1/32 oz., **$10.00;** 1/16 oz., **$19.25;** 1/8 oz., **$36.50;** 1/4 oz., **$69.50;** 1/2 oz., **$132.00;** oz., **$252.00.**

TALL RUST RESISTANT STRAINS 2½ ft.

Appleblossom. Rosy pink, white tube.

Brilliant Rose. True rose pink.

Campfire. Luminous scarlet.

Cherry Rose. Deep brilliant cherry rose.

Copper Queen. Burnished copper.

Loveliness. Pure soft rose pink.

Padre. (Crimson). Glossy crimson, dark stems.

Pink Sensation. Pure pink, frilled flowers.

Rosalie. Rich deep rose with underlying tone of topaz or amber.

Shasta. (Alaska). Pure white.

Yellow Jacket. (Canary Yellow—Yellow Giant). Deep canary yellow.

Vaughan's Tall Rust Resistant Mixture. Our own formula-blend in just the right color proportions.

Each of the above 12: 1/16 oz., **40c;** 1/4 oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00.**

SNAPDRAGONS FOR OUTDOOR BEDDING

LARGE-FLOWERING HALF-DWARF SORTS

Plants of medium height for bedding, flat sales and combination work. Very free flowering, coming into bloom early and continuing through until killed by frost. We have revised our listing based on our extensive trials and the comments of growers who visited them.

Black Prince. Deepest crimson, dark foliage.

Golden Monarch. Rich golden yellow.

Purity (White Wonder). Large cream-white florets.

Red Emperor. Richest deep scarlet.

Royal Rose. Very showy deep rose, uniform growth.

St. George. Distinct orange-cerise.

Vaughan's Special Mixture. Our own **Formula-Blend** which includes all the above.

Each of the above 7: 1/16 oz., **45c;** 1/4 oz., **$1.25;** oz., **$4.00.**

DWARF SORTS

Magic Carpet Mixed. 4 to 6 in. A Snapdragon of almost creeping habit, fairly covered during the summer with flowers. Its uniformly dwarf compact habit make it an excellent source of color for bedding and border plantings. Useful, too, in the rock garden. 1/16 oz., **45c;** 1/4 oz., **$1.25;** oz., **$4.00;** 4 oz., **$12.00.**

F-1 Rose Pink Double

Vanguard (F-1 Double). All America Bronze Medal 1960. Extra petals enhance the large florets. Long flower spike with closely set florets of rich rose pink with flashing yellow lips or throat. Long lasting, for bedding and cutting. Trade pkt., (750 seeds) **$1.75;** 1/128 oz., **$3.50;** 1/64 oz., **$6.50;** 1/32 oz., **$12.00;** 1/16 oz., **$20.00.**

Forcing Snapdragons

(2,000 seeds per trade packet; 1,000 seeds per 1/2 trade pkt. Except as noted.)

"Inbred" or self-pollinated sorts are marked; all others are true F-1 hybrids.

PAPER WHITE and IVORY WHITE

Albion. (Winter, Early Spring). Pure paper white, clean growth, uniform long spikes. When benched with White Knight, maintains a good continuity of paper white by flowering 10 to 14 days later.

Apollo. (Late Winter, Spring). An ivory white, well-known for its vigor. Hard clean stems and upright floret placement on long spikes. More vigorous than Margaret.

Citation. (Winter, Early Spring). Large ruffled ivory white. Compact spacing, long spike.

★**Crystal White, Vaughan Strain.** (Summer). Inbred. Pure paper white, uniform habit, compact floret spacing, will not shatter.

Delaware. (Late Spring and Fall). An ivory white that retains the valuable traits of Citation with larger floret, heavier stems and very long spike. Highly shatterproof.

June Bride. (Summer). Pure white. Hard clean stems.

Margaret. (Late Winter, Spring). Inbred. Ivory white. Exceptionally stiff stem, almost no side growth. Medium sized floret, long lasting. Trade pkt. (4000 seeds) **$4.00;** 1/2 trade pkt. (2000 seeds) **$2.25.**

Ohio. (Winter, Early Spring). Pure paper white. Florets are compactly spaced and shatterproof. Vigor and spike length frequently exceed the standards set by Albion and White Knight.

★**Paperwhite.** (Winter, Early Spring). A paper white of exceptional size and vigor. Large compactly spaced florets on strong stem.

Potomac White. (Late Spring and Fall, Summer). A good white.

★**Snow Crest.** (Winter, Early Spring). A pure white hybrid combining earliness with hybrid vigor, hardiness and length of spike. Compactly spaced florets, strong stem, 10 days later than Paperwhite.

Snowman. (Late Winter and Spring). Pure white.

Spartan White. (Late Winter and Spring). Pure white, shatter resistant.

Texas. (Summer). At its best from June through September. Large ruffled paper white florets, strong clean stems, long flower spike.

Tommy Armstrong. (Late Winter and Spring). Inbred. Good white, closely spaced florets.

Twenty Grand. (Late Winter and Spring). The whitest ivory grown. Long, graceful, tapering spikes with ruffled upright, compact florets. Tall and vigorous.

Utah. (Late Spring and Fall). Pure white coming just after Virginia. Long spike, large closely spaced florets. Bred for the grower whose benches have limited head room. Over-all height 36 to 42 inches. Shatter resistant.

Virginia. (Late Spring and Fall). A vigorous paper white. Long spikes, hard, clean stem with good large florets that are shatterproof. A significant improvement in vigor, production and beauty over existing strains.

★**White Flare.** (Late Winter and Spring). Large florets of purest white, closely spaced on long tapered spikes.

White Knight. (Winter and Early Spring). Pure paper white, well placed florets on compact spike. Combines earliness, vigor, purity of color and long spikes to excellent advantage. Tolerant of low temperatures and shatterproof.

White Skies. (Summer). Pure white. Tall and vigorous. Shatterproof.

WHITE FLARE

YELLOW FLARE

RED

Cherokee. (Winter and Early Spring). True "Christmas" scarlet-red. Long, well formed spikes, sturdy stems.

Man-O-War. (Winter and Early Spring). Copper-red shade with yellow lip. Clean grower, good flower placement.

Navajo. (Late Winter and Spring). A bright true red.

Priscilla Ann. (Late Winter and Spring). Velvety crimson.

ALL FORCING SNAPDRAGONS
Trade pkt., (2000 seeds) **$4.00;**
1/2 Trade pkt., (1000 seeds) **$2.25.**

FORCING SNAPDRAGONS—Continued

PINK FLARE

SNOW CREST

YELLOW

Broker's Tip. (Late Winter and Spring). Deep yellow, medium sized florets, little or no side growth. Good stems.

Colorado. (Late Spring and Fall). A large flowered yellow hybrid; very uniform and vigorous. The color of Broker's Tip and a shade lighter than Potomac Yellow. Shatterproof florets, long spike. Combines well with Virginia (white).

Dark Star. (Summer). Clear deep yellow. Uniform, vigorous, clean growth, compact floret spacing. Shows resistance to high temperature burn.

Golden Spike. (Late Winter and Spring). Rich golden yellow. Long stems, tapered flower spike.

Goldrush. (Late Winter and Spring). Deep Jonquil yellow, large flowers.

Nevada. (Late Spring and Fall). An intense yellow hybrid with a huge floret on vigorous long spikes. Flowers with Kansas and Tennessee. Very valuable in May-June and October-November crops. Deeper in color than Colorado and about two weeks earlier to flower.

Patricia. (Winter, Early Spring). Medium sized florets of rich yellow with full deep yellow lower lip. Long spike.

Potomac Yellow. (Late Spring and Fall, Summer). A good medium yellow.

Rockwood Summer Yellow. (Summer). Inbred. A fairly deep yellow.

Summer Yellow. (Pan-American). (Summer). Tall vigorous growing, clear yellow. Very early. Shatterproof.

Swaps. (Winter and Early Spring). Large showy yellow florets, clean hard stems. Earlier than War Admiral and Seabiscuit. Outstanding for its large, compactly spaced showy yellow florets.

Vermont. (Winter and Early Spring). Primrose yellow, a new and beautiful pastel color tone. Spikes are long and graceful with abundant tip-bud. Stems are hard, clean and uniform.

War Admiral. (Winter and Early Spring). Medium Yellow. Outstanding vigor, uniformity and spike formation.

★**Yellow Flare.** (Late Winter and Spring). Medium yellow of good growth, long heavy stem, good sized flower head.

LIGHT PINK

Chevy Chase Pink. (Winter and Early Spring). Pastel pink, a shade deeper than Maryland Pink Improved.

Christina. (Winter and Early Spring). Light rose pink, large florets. Vigorous grower, almost no side growth.

Florida. (Summer). Vigorous light pink flowering with Gay Time. A Christina color that is smooth and glistening. Displays superb color retention under high temperatures and is highly shatterproof. Spikes are long with compact floret spacing.

Indiana. (Late Winter and Spring). Light rose pink. Large floret with ruffled hood. Spikes are long and tapered. Uniformity and vigor set new standards in hybrid Snaps.

Kentucky. (Late Spring and Fall). A glorious apple-blossom pink. A vigorous, clean stemmed hybrid with a minimum of shatter. The color is lighter than Potomac Pink with a longer spike.

Mary Ellen. (Winter and Early Spring). Light rose pink, a shade lighter than Christina.
Trade pkt., (4000 seeds) **$4.00;** ½ trade pkt., (2000 seeds) **$2.25.**

Maryland Pink Improved. (Late Winter and Spring). A creamy light pink.

Nashua. (Winter and Early Spring). Light rose pink, large ruffled florets compactly borne on hard clean stems. Shatterproof.

Native Dancer. (Late Winter and Spring). Light rose pink. Extreme vigor, exceptionally long spikes. Compact placement of large florets.

New York. (Winter and Early Spring). A smooth light pink, displaying tremendous vigor and earliness. Flowers with War Admiral. Spike is large and compact. A very clear pink with a minimum of yellow in lower lip.

Rebecca. (Winter, Early Spring). Soft rose pink. Almost no side growth, large florets closely set on stiff heavy stem.

Rosebud. (Winter and Early Spring). Large ruffled florets of soft pastel pink on long, compact spikes.

Summer Pink. (Pan-American). (Summer). Light rose pink with large florets and longer spike than most Summer varieties. Shatter resistant.

Top Flight. (Winter and Early Spring). Light rose pink. Quite uniform. Earlier than Christina.

ROSE

Bridesmaid. (Late Winter and Spring). Clear medium rose.

Gay Time. (Summer). Rose-pink of good vigor with hard stem and long spike. Very uniform. 7 to 14 days earlier than Summer Jewel.

Libby. (Late Winter and Spring). Dark rose pink with very strong stem and vigorous growth. Good sized florets on long spikes.

Maryland Flamingo. (Winter, Early Spring). Bright salmon-rose. A new color in Snapdragons. Shatterproof.

New Times. (Late Winter and Spring). Bright deep Beauty-rose, medium long spike, fine strong stem.

Potomac Rose. (Summer). A good rose pink, coming into flower with Potomac White and Pink.

Rockwood Pink Supreme. (Summer). Inbred. A brilliant rose-pink.

Rosanna. (Late Winter and Spring). Deep bright rose.

★**Rose Flare.** (Late Winter and Spring). A medium rose deeper in tone than Pink Flare Improved. Large closely set florets, long tapered spike.

Spartan Rose. (Late Winter and Spring). Medium deep rose.

Summer Jewel. (Summer). Rich deep pink. Vigorous, uniform grower, stems of great strength and long spike. Compact floret spacing. Will not shatter.

Wisconsin. (Winter and Early Spring). Intense dark pink with a depth and color tone resembling the rose Better Times. Flowers with Citation. Spikes are long and tapering.

ALL FORCING SNAPDRAGONS
Trade pkt., **$4.00;** ½ Trade pkt., **$2.25.**

★**Vaughan's Introduction**

KENTUCKY

PRISCILLA ANN

FORCING SNAPDRAGONS—Continued

MEDIUM PINK

Anne Marie. (Winter and Early Spring). Clear medium pink, medium sized florets closely set on stiff heavy stem. Slightly deeper in color than Christina.

★**Pink Flare Improved.** (Late Winter and Spring). Clear medium pink. Large florets closely set on long tapered spikes.

Pink Ice. (Late Winter and Spring). Medium rose with lighter lip.

Potomac Pink. (Summer). A good medium pink.

Rockwood Summer Pink No. 1. (Summer). Inbred. Medium pink.

Whirlaway. (Winter and Early Spring). Large florets, close spacing, long spike. A bit deeper than Mary Ellen. Performs best at the lower temperature levels.

Wintergreen. (Winter and Early Spring). A light rose-pink for winter and early spring. Stiff wiry stems, no grassiness, and a compact long spike.

BRONZE

Barbara. (Winter, Early Spring). Large florets with bright bronze lip and pink throat. Vigorous grower, long spike.

★**Bronze Flare.** (Late Winter and Spring). Medium bronze with yellow lip. Stems of good weight. Compact floret placement, flower spike of good size.

Cavalcade. (Winter, Early Spring). Lively golden bronze that has few equals for uniform production of long tapered spikes.

Gallant Fox. (Winter, Early Spring). Deep orange bronze, strong vigorous grower; compact floret placement.

Kansas. (Late Spring and Fall). Brilliant golden bronze resembling Cavalcade. A vigorous variety with strong stem and long spikes. Large florets. Color has real merit, especially in the Fall months.

LAVENDER and PURPLE

Arizona. (Summer). Resembles Lavender Lady in color (deep rosy lavender). Vigor is high. Spikes are long and gracefully tapered. Large florets, long spikes and habit contribute to a significant improvement over existing varieties.

Lavender Lady. (Late Winter and Spring). Deep rosy lavender, excellent spike and stem.

Maine. (Winter and Early Spring). A rich purple, flowering with Citation. A vigorous grower with good spike and form. Large florets are beautifully spaced on strong spikes.

Windmiller's Lilac. (Late Winter and Spring). Inbred. A true orchid. Trade pkt., (4000 seeds) **$4.00;** ½ trade pkt., (2000 seeds) **$2.25.**

Greenhouse Varieties, Vaughan's Special Mixture. With pinks predominating. Our own **Formula-blend** that includes the more popular open pollinated and F-1 Hybrid varieties.

Schizanthus

ANNUAL 50,000 seeds oz. 54° 1-2 weeks.

A January sowing will make choice 3 in. plants for spring combinations. Use Schizanthus flowers in corsages. They are long lasting and make up very attractively.

★**Vaughan's Dwarf Masterpiece.** The plants grow dwarf and compact. Flowers are of good size. Colors range from light pink and rose, to dark violet, with conspicuous blotches. 1/32 oz., **65c;** 1/16 oz., **$1.10;** 1/8 oz., **$1.80;** ¼ oz., **$3.25;** oz., **$10.00.**

Wisetonensis Monarch Strain. The finest strain of large flowered hybrids. 1/16 oz., **45c;** ¼ oz., **$1.35;** oz., **$4.00.**

Shamrock

ANNUAL 28,000 seeds oz. 68° 1-2 weeks.

True Irish Strain. Sow in late December or January, 3 or 4 seedlings per pot, to flower in 2 inch pots for St. Patrick's Day. 1/8 oz., **25c;** ¼ oz., **40c;** oz., **$1.30;** lb., **$12.00.**

Smilax

ANNUAL 4,000 seeds oz. 68-86° 3-4 weeks.

Asparagoides. Ornamental foliage plant. 1/8 oz., **70c;** ¼ oz., **$1.25;** oz., **$4.00.**

Solanum

ANNUAL 11,000 seeds oz. 68-86° 2-3 weeks.

There is a steadily increasing demand for "Ornamentals," particularly those with bright colored fruits or foliage. Among these are Christmas Cherry and Christmas Pepper. Both make attractive pot plants and are much in demand at Christmas.

ORNAMENTAL PEPPER

Nicely fruited plants will be available for Christmas from a mid-April sowing. Recommend keeping pots over summer in greenhouse or frame.

★**Vaughan's Candle Pepper. (Christmas Pepper)** The peppers are one inch long and decidedly pointed, creamy-yellow changing to red. Finely tapered peppers grow upright, giving a daintier appearance than Celestial. Pinch once for larger heavier plants. 1/16 oz., **50c;** ¼ oz., **$1.50;** oz., **$4.75.**

ORNAMENTAL CHERRY

Sow seed in February, grow on outdoors during the Summer and pot up in September for Christmas sales.

★**Christmas Cherry Improved.** 1/16 oz., **45c;** ¼ oz., **$1.25;** oz., **$4.00.**

Felger's Orange. The berries are larger than that of Cleveland Cherry and are well up on top of the foliage. In 6 inch pots the plant will have a spread of 18 to 20 inches. 1/32 oz., **55c;** 1/8 oz., **$1.75;** ¼ oz., **$3.00;** oz., **$9.00.**

Statice Sinuata

ANNUAL 375 flower heads oz. 68-86° 2-3 weeks.

Attractive annuals of easy culture that can be used as fresh or everlasting flowers.

Kampf Improved. Tall, brilliant deep blue

★**Market Rose.** A deep warm rose.

★**Market Growers.** Deep Blue

Pure White

Art Shades Mixed

Each of the above: ½ oz., **35c;** oz., **60c;** 4 oz., **$2.00;** lb., **$6.00.**

Bonduelli. Golden yellow. ½ oz., **35c;** oz., **50c;** 4 oz., **$1.60;** lb., **$4.80.**

★**Suworowii.** Russian or Rat Tail. Flowers bright rose. Can be grown in cool house. 30 in. 1/16 oz., **40c;** ¼ oz., **$1.00;** oz., **$3.00.**

Statice

PERENNIAL Seeds, see below. 68-86° 2-4 weeks.

Dumosa. (19,000 seeds per oz.) Dense cushions of pure silver-gray flowers, 30 in. 1/16 oz., **40c;** ¼ oz., **$1.00;** oz., **$3.00.**

Latifolia. (40,000 seeds per oz.) Small lavender-blue flowers. 1/8 oz., **35c;** ¼ oz., **65c;** oz., **$2.40.**

Stokesia

PERENNIAL 3,300 seeds oz. 68-86° 4-6 weeks.

Cyanea (Stokes Aster). Large blue flowers, dwarf habit, beautiful late bloomer. 1/8 oz., **90c;** ¼ oz., **$1.75;** Oz., **$5.00.**

The Best in Double Stocks

ANNUAL 18,500 seeds oz. 54-90° 2 weeks

Stocks are easily grown and a profitable cutflower item. Thoroughly sterilize soil and benches before sowing as precaution against root-rot. Seed may be safely sown in our area from mid-July to mid-February. Later sowings tend to show blindness. From an August sowing the first flowers may be cut at Christmas, if given additional lighting (40 to 60 watt lamps spaced 5 ft. apart). Normal flowering for such a planting is January. Successive sowings insure a continuity of bloom.

The Non-Branching or Column Stock is most generally grown and should be planted 3 inches in the row and 6 inches between rows, producing a single stem. Since heat creates a tendency to blindness, not over 50 degree night temperature should be used. To secure the greatest percentage of doubleness, largest and most vigorous seedlings should be selected.

Varieties preceded by star (★) are the most popular colors.

"Non-Branching Column Stocks"

WHITE

★**Avalanche.** Pure paper white florets of good size and substance. Long massive spike. The earliest and finest white for outdoor growing, especially recommended for California and Arizona. Does equally well in the greenhouse.

Gardenia Improved. Flowers of purest white and quite early. Needs disbudding. A fine outdoor strain.

★**White Improved No. 16.** Semi-tall. An early pure white with large floret and compact spike. We consider this the finest white for greenhouse growing.

LAVENDER, BLUE AND PURPLE

★**Purple Heart.** Bright violet-purple. Long stemmed and large flowers.

★**Silvery Lilac** (Lilac Lavender). Good stems, long flower spike. Early flowering.

PINK, ROSE AND RED

★**Pacific Pink.** Pure pink on cream base. A new color in Column Stocks without bluish cast usually found in most pinks and rose. Does well under artificial lights. Excellent Spring flowering pink.

Rose Pink No. 14. A fairly deep rose pink, slightly deeper than Supreme No. 22, and early to flower. A good market color.

Ruby. Rich crimson-red.

★**Supreme No. 22.** Rich silvery rose, extra long stem, fine heavy spike. Vigorous grower.

MISCELLANEOUS VARIETIES

★**Deep Apricot.** A coppery terra-cotta. Long stemmed.

Yellow Spire. A true yellow, bright and clear.

Special Florist Mixture. A **formula-blend** of the most popular colors.

Each of above, 1/16 oz., **$1.00;** 1/4 oz., **$2.50;** oz., **$7.50.**

Trysomic 7 Weeks

Truly a "Hot Weather" Stocks, bred for earliness and long season of bloom. It has become noted for high performance in areas where heretofore Stocks were not considered a garden item. In our own trials it was in full bloom during the hot dry days of July and August.

Throwing a central spike of bloom some 6 inches or more in height, later there develops many side branches which form an attractive branching plant from 12 to 15 inches in height. A brilliant range of color.

Because of its earliness, can be had in bloom in flats or peat pots for spring bedding plant sales.

American Beauty Red
Bright Rose
Lilac Lavender
White
Rose and White Bicolor.
Azure Blue
Fiery Red
Navy Blue
Canary Yellow

Formula Mixed. Includes all the above.

Each of the above 10: 1/32 oz., **$1.00;** 1/16 oz., **$1.75;** 1/8 oz., **$2.75;** 1/4 oz., **$5.00;** oz., **$18.00.**

Trysomic Giant Imperial

A branching strain producing 85% or more full-double flowers. This can be increased to 100% at the four-leaf seedling stage. At this period of growth young singles are noticeably weaker.

Choice Mixed. Our own formula blend, includes all the popular colors. 1/32 oz., **$1.00;** 1/16 oz., **$1.75;** 1/8 oz., **$2.75;** 1/4 oz., **$5.00;** oz., **$18.00.**

STOCKS TRYSOMIC 7 WEEKS MIXED (background)
VIOLA F-2 TOYLAND (foreground)

Dwarf Large-Flowering Ten Weeks

Compact pyramidal growth, excellent for pots, bedding or combinations. Not desirable for cutting.

Extra Choice Mixed. Blood-red, bright pink, canary yellow, dark blue, deep rose, lavender and white in the right proportion. 1/8 oz., **40c;** 1/4 oz., **65c;** oz., **$2.20;** 4 oz., **$6.60;** lb., **$20.00.**

Improved Giant Bismarck
(Early Giant Imperial)

An especially good early flowering, branching strain producing a high percentage of doubles. One of the best for greenhouse culture or outside planting. 2½ ft.

Appleblossom. (Blush-pink).
Buttercup. Deep golden yellow.
★**Chamois.**
★**Elk's Pride.** (Royal purple).
Fiery Blood-Red.
★**Lavender.**
★**Rose.**
★**Shasta.** Vigorous, glistening white.

Giant Bismarck Mixed. All colors.

Each of the above 9: 1/8 oz., **30c;** 1/4 oz., **55c;** oz., **$1.60;** 4 oz., **$5.00;** lb., **$15.00.**

★Strawberry

ANNUAL 2,800 seeds 1/32 oz. 55-65° 2-3 weeks.

★**Baron Solemacher.** Red. Of the Alpine (non-runner) type. Can be had in fruit (and flower) on Mother's Day, if sown in January. Suggest 3 plants in a 5 inch Azalea pot. Will produce berries all Summer and Fall. 1/64 oz., **60c;** 1/32 oz., **$1.00;** 1/16 oz., **$1.80.**

★Streptocarpus (Cape Primrose)

ANNUAL 750,000 seeds oz. 68° 2-3 weeks. Needs light.

Wiesmoor Hybrids. The large orchid-like flowers are well fringed and crested. The leaves are small, making it more adaptable to potting. The color range is most complete, pink, in all its shades and variations, deepest red, blue shades and white with dark blotches.

The plants flower abundantly and early. By successive sowings from October to March, blooming plants will be available all year round for sale or cutting.

Seeds are small and require little covering. Should be grown rather cooler than Gloxinias.

Trade pkt., **$1.25;** 3 Trade pkts., **$3.25;** 5 Trade pkts., **$5.25.**

Sweet Peas

ANNUAL 350 seeds oz. 68° 2 weeks.

Zvolanek's Multiflora Sweet Peas

A free-flowering strain of Sweet Peas. Many 5's and 6's on exceptionally long stems. A profitable market variety. Peculiar to this group is all florets on a stem are in bloom at one time. Mid-July through November sowings provide bloom from November to May. 15 weeks to bloom.

Beauty Rose. Deep crimson-rose.
Christmas Red. Crimson.
Elk's Purple. Deep purple.
Orchid. Deep orchid-lavender.
Rose Pink. Giant flowers.
Salmon Pink. Rose pink, salmon tint.
White. White seeded.

Each of the above 7: ½ oz., **40c;** oz., **65c;** 4 oz., **$1.85;** lb., **$5.50.**

Mixed. A well-balanced blend.
½ oz., **40c;** oz., **65c;** 4 oz., **$1.85;** lb., **$5.50;** 10 lb., **$52.50.**

Standard Winter (Early) Spencers

Although the Spring Flowering group is preferred for late greenhouse planting, this Winter class does flower earlier and by many is preferred for outdoor planting. Sow from July to September for winter and early spring blooms.

American Beauty. Crimson-rose.
Amethyst. Royal purple.
Blue-Supreme. Rich mid-blue.
Cascade. White seeded, white.
Harmony. Lavender. Fragrant.
Hope. Black seeded, white.
Laddie Improved. Light rose-pink.
Mrs. Herbert Hoover. Clear blue.
Oriental. Black seeded cream.
Princess Blue. Light blue.
Red Giant. Bright crimson-red.
Sequoia. Golden salmon-rose.
Shirley Temple. Soft rose-pink.
Top Sergeant. Deep blood-red crimson.
Triumph. Deep lilac-mauve.

Each of the above 15: ½ oz., **40c;** oz., **65c;** 4 oz., **$1.85;** lb., **$5.50.**

Vaughan's Special Formula Mixture. From named sorts.
½ oz., **40c;** oz., **65c;** 4 oz., **$1.85;** lb., **$5.50;** 10 lb., **$52.50.**

Cuthbertson Floribunda Sweet Peas

Spring Flowering. Preferred by most growers for spring greenhouse flowering, coming into bloom midway between the Winter and Summer Flowering groups. Do not sow before October for this purpose. Coming into flower a week or more before the Summer Peas, they are now widely grown outdoors.

Astrid. Light lavender.
Daisy. Black seeded, white.
Danny. Navy blue.
David. Bright rose crimson.
Eileen. Coral pink.
Evelyn. Salmon cream-pink.
Frank G. Rosy-lavender.
Jennie. White seeded white.
Kenneth. Ox-blood crimson.
Lois. Rose-pink white ground.
Robert. Mid-blue.
Ruth. Deep rose pink.
William. Picotee rose pink, white ground.

Each of the above 13: oz., **50c;** 4 oz., **$1.50;** lb., **$4.50.**

Vaughan's Formula Mixture. Our own formula-blend which includes all the above.
Oz., **50c;** 4 oz., **$1.50;** lb., **$4.50;** 10 lb., **$43.00.**

Summer Flowering Sweet Peas

Sow in pots or plant bands in late Winter and grow on cool after germination. Small plants ready to set out in early Spring as soon as soil can be worked. The most widely used for outdoor growing.

Ambition. Deep Lavender.
Capri. Light blue.
Chinese Blue. Deep blue.
Flag Ship. Deep navy blue.
Gigantic. Largest and best black seeded white.
King White. White seeded.
Mabel Gower. Clear mid-blue.
Prince of Orange. Deep orange.
Red Supreme. Deep crimson.
Welcome. Dazzling scarlet.
Pinkie. Rose-pink.

Each of the above 11: oz., **40c;** 4 oz., **$1.25;** lb., **$4.00.**

Vaughan's Special Mixture. A formula blend of good color range.
Oz., **30c;** 4 oz., **$1.25;** lb., **$4.00;** 10 lb., **$38.00.**

TAHOKA DAISY

Dwarf Sweet Peas

Little Sweetheart Mixture. 8 in. Of upright growth forming a perfectly rounded bush. Compact little plants covered with large Spencer type flowers. Blooms early and over a long season. Upright growth, requires no staking. An interesting novelty variety for bedding, border and pot plant culture.
½ oz., **$1.50;** Oz., **$2.20;** 4 oz., **$7.00;** Lb., **$21.00.**

Surprise Garden

Our own "formula blend" of interesting annuals that will provide color in the home garden and be a source of cutflower material throughout a long season of bloom. No vines or trailing varieties are included in this blend. 4 oz., **$1.35;** lb., **$4.00.**

Tahoka Daisy

ANNUAL 29,000 seeds oz. 68-86° 2 weeks.

An unusually beautiful lavender-blue Daisy with fern-like foliage. Carried on good long stems, the flowers are many-rayed, with long slender petals of pure lavender-blue, center deep yellow. 20 in.
1/16 oz., **50c;** ¼ oz., **$1.50;** Oz., **$4.50.**

Thalictrum

PERENNIAL 12,000 seeds oz. 68° 4-6 weeks.

Aquilegifolium Mixed. (Meadow Rue). Graceful foliage, mixed colors. ⅛ oz., **35c;** ¼ oz., **55c;** oz., **$1.75.**

Thermopsis

PERENNIAL 6,500 seeds oz. 68-86° 2-3 weeks.

Caroliniana. Yellow pea-shaped flowers in long racemes. 3-5 ft.
⅛ oz., **45c;** ¼ oz., **75c;** Oz., **$2.40;** 4 oz., **$8.75.**

Thunbergia

ANNUAL 1,100 seeds oz. 68-86° 2-3 weeks.

Mixed. Fine climber or trailer for window boxes and hanging baskets. Flowers in shades of yellow, white, buff and orange, black centered. ⅛ oz., **40c;** ¼ oz., **75c;** oz., **$2.25;** 4 oz., **$6.75.**

Tithonia

ANNUAL 2,800 seeds oz. 68-86° 2-3 weeks.

Torch. Brilliant orange-scarlet flower, borne on stout stems, excellent for cutting. Early free flowering. 4 ft. All America Silver Medal Winner for 1951.
1/16 oz., **50c;** ⅛ oz., **90c;** ¼ oz., **$1.50;** Oz., **$4.50.**

Verbenas . . . For Combinations . . . For Bedding

ANNUAL 10,000 seeds oz. 68-86° 3-4 weeks.

One of the most colorful and showy plants for bedding and combinations. To hasten germination grow in soil at 65 degrees. When established a night temperature of 50 degrees is best. Pinch early to avoid straggly growth.

Sow in February for good 3 to 4-inch pot plants for spring sales. Sow in mid-March for Val-Pak sales.

Dwarf Master Verbenas

The finest Verbena for spring bedding plants and combinations. Very compact and dwarf, coming into flower when plants are small and blooming through the entire season. Excellent bright colors, many with eyes. Because of their early blooming quality can be had in flower for Spring sales, in flats or Val-Pacs.®

Instant Glamour

Dwarf Master Blend.® Hundreds of gay color combinations, many with eyes. Ideally suited to pot and flat culture, wonderful as a garden variety. A brilliant range of color.
1/16 oz., **75c;** 1/8 oz., **$1.25;** 1/4 oz., **$2.00;** 1/2 oz., **$3.50;** oz., **$6.00;** 4 oz., **$18.00;** lb., **$54.00.**

VERBENA DWARF DELIGHT

GIGANTEA (Hybrida Grandiflora).

Beauty of Oxford Hybrids. Bright shades, ranging from clear rose pink to rose red.

Lavender Glory. True lavender. Large flower umbels. Fragrant. About 80% true.

Marilyn. Fiery cerise with a suggestion of scarlet, the small cream eye accenting the warm brilliance of the color. Mammoth clusters of large flowers, uniformly compact plants, early and free flowering.

Spectrum Red. Intense pure bright red without eye.

Vivid. Brilliant sunproof scarlet, brighter and more intense than Spectrum Red. Large uniform trusses, large florets. Compact plant, 8 inches tall.

White (Alba). Very large, pure white.

Each of above 7. 1/8 oz. **60c;** 1/4 oz., **$1.00;** oz., **$3.00.**

MULTIFLORA (Bush Type). An improved hybrida grandiflora. Masses of bloom covering the center of the plants, eliminating the troublesome hollow spot so often found in the older strains. Plants are of uniform bushy habit about 8 to 10 in. high, and 12 to 15 in. across, with flower heads practically touching each other. Most suitable for borders.

Firelight. Large closely spaced blooms of brilliant fiery red.

Roselight. Rose-pink with white eye.

Salmon Queen. Bright salmon pink, small white eye.

Snow White. Large pure white.

Starlight. Mid-blue with creamy-white eye.

Mixed. A well-balanced mixture.

Each of the above 6: 1/8 oz., **60c;** 1/4 oz., **$1.00;** oz., **$3.00;** 4 oz., **$10.75;** lb., **$40.00.**

VARIOUS SORTS

Hybrida. Mayflower. Beautiful pink.
1/8 oz., **60c;** 1/4 oz., **$1.00;** oz., **$3.00.**

Erinoides (Moss Verbena) Purple, 1 ft.
1/8 oz., **50c;** 1/4 oz., **85c;** Oz., **$2.50.**

Venosa (60,000 seeds per oz.). Heliotrope blue, fine for bedding.
1/16 oz., **40c;** 1/4 oz., **$1.00;** oz., **$3.00.**

Dwarf Verbenas

Large blooms so tightly arranged the effect is a solid mass of color. The habit is dwarf and compact; extremely free flowering. Plant retains its fine compact habit throughout the long blooming season.

Crystal. Large flowered snow-white.

Dazzle. Brilliant scarlet.

Delight. Clear coral pink suffused salmon.

Sparkle. Bright scarlet-red with a gleaming white eye.

Splendor. Rich royal purple with white eye.

Each of the above 5: 1/16 oz., **50c;** 1/4 oz., **$1.50;** oz., **$4.50;** 4 oz., **$16.00;** lb., **$58.00.**

Verbena

PERENNIAL 134,000 seeds oz. 54-90° 2 weeks.

Bonariensis Improved. Upright growing, slender branched stems, numerous terminal umbels of rosy lavender flowers. Germination takes full six weeks unless sown in a temperature of 75 degrees. 3 to 4 ft. 1/32 oz., **50c;** 1/8 oz., **$1.40;** 1/4 oz., **$2.50.**

★Torenia

ANNUAL 375,000 seeds oz. 68-86° 2 weeks.

Fournieri. A fine pot plant for Mother's Day sales, good in combination baskets.

Blue. A dark blotch on the lip provides interesting contrast.
White. Ivory white tinted rose.

Each of the above 2: 1/32 oz., **45c;** 1/8 oz., **$1.25;** 1/4 oz., **$2.25;** oz., **$8.00.**

Tritoma

PERENNIAL 22,000 seeds oz. 68-86° 3-4 weeks.

Pfitzer's Hybrids. Long spikes in brilliant red, orange and yellow shades, growing 4 ft. tall with blooms all summer until frost.
1/8 oz., **45c;** 1/4 oz., **75c;** oz. **$2.40.**

*Vinca Rosea (Periwinkle)

VINCA BRIGHT EYE LITTLE PINKIE

ANNUAL 20,500 seeds oz. 68-86° 2-3 weeks

One of the most satisfactory annuals for use in combinations or as an outdoor bedding plant. Blooms through the entire summer until frost and does well either in sun or partial shade. Slow to start, we suggest early sowing. Give bottom heat and grow warm. 18 in.

Pink. Medium pink.
Alba Pura. Pure White.
Alba Oculata. White with pink eye.
Delicata. Soft pink.
Mixed. The above in a well-balanced blend.

Each of the above 5: ⅛ oz., **40c;** ¼ oz., **65c;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

DWARF VINCAS. Plants are dwarf and compact, growing but half as tall as the older strains. Bloom over a long season, very free flowering and quite tolerant of hot dry summers. Ideal edging or bedding plant. For late May bloom, suggest February 1st sowing, give bottom heat and grow warm. Glossy dark green foliage. 8 to 10 in.

Little Pinkie. Rose colored blooms of good size cover the plant. 1/16 oz., **45c;** ¼ oz., **$1.25;** oz., **$4.00;** 4 oz., **$14.50.**

Bright Eye. Glistening white with a contrasting rose-red eye. 1/16 oz., **80c;** ⅛ oz., **$1.40;** ¼ oz., **$2.50;** oz., **$7.50.**

Trollius

PERENNIAL 8,000 seeds oz.

Slow to germinate. For best results store seed in damp sand at a temperature below 40 degrees fahrenheit for six weeks and then sow, or soak seed in hot water for 30 minutes before sowing. Plants require moist soil.

Mixed. 1/32 oz., **55c;** 1/16 oz., **95c;** ⅛ oz., **$1.65.**

Veronica

PERENNIAL 250,000 seeds oz. 54-90° 2 weeks.

Spicata. Blue 1½ ft.
1/16 oz., **40c;** ¼ oz., **$1.00;** Oz., **$3.00.**

Wallflowers

ANNUAL 15,000 seeds oz. 68° 2–3 weeks

Deliciously scented flowers for early Spring cutting. Prefer rich soil and a cool temperature (45 to 50°). Do not allow too much root room, suggest using a 4 inch flat and grow on in shallow soil. 2 ft.

Double Annual "Early Wonder" Mixed. Shades of yellow, gold and mahogany, including many bicolors. Flower in 5 months from seed. ⅛ oz., **40c;** ¼ oz., **65c;** oz., **$2.20.**

Perennial Wallflower

See Cheiranthus
Page 10

Yucca

PERENNIAL 180,000 seeds oz. 68°

A slow germinator. Germination is never high.

Hardy Varieties Mixed. 1/16 oz., **45c;** ¼ oz., **$1.25;** oz., **$3.75.**

Discounts on Flower and Vegetable Seeds Only

Cash or C.O.D. Under $10.00 net
$10.00 to 25.00, 5%; 25.00 to 100.00, 8%; 100.00 to 200.00, 10%; 200.00 to 300.00, 12%; 300.00 to 500.00, 14%; 500.00 to 750.00, 16%; 750.00 and up, 22%.

Charge Orders. If paid within 30 days from date of invoice: Under $10.00, net; $10.00 to 25.00, 2%; 25.00 to 100.00, 5%; 100.00 to 200.00, 8%; 200.00 to 300.00, 10%; 300.00 to 500.00, 12%; 500.00 to 750.00, 14%; 750.00 and up, 20%.

Viola Cornuta

PERENNIAL 25,000 seeds oz. 54-90° 2-3 weeks.

"Pansies in Miniature" best describe the Viola. Very free flowering. Preferred by many as a bedding plant. Perfectly hardy.

Admiration. Deep violet blue, large flowers.
Arkwright Ruby. Rich ruby-crimson shading terra-cotta.
Blue Perfection. Large flowers of clear medium blue.
Chantreyland. Pure apricot. Extra large flowers.
King Henry. Rich violet-blue with lavender center and yellow eye.
Lutea Splendens. Chrome yellow.
White Perfection. Large flowered creamy-white.
Yellow Gem. Clear yellow flowers, plant of compact habit.
Vaughan's Special Mixture. Bright shades which include many self colors, combinations and some with blotches.
Each the above 9: 1/16 oz., **65c;** ⅛ oz., **$1.10;** ¼ oz., **$2.00;** oz., **$6.00.**
Blue Butterfly. Deep blue with white wings.
Jersey Gem (Blue Gem). Rich violet blue.
Each of the above 2: 1/32 oz., **55c;** ⅛ oz., **$1.65;** ¼ oz., **$3.00;** oz., **$9.00.**

Toyland (F-2). Huge full-round 2 inch blooms gracefully waved and borne profusely, with typical hybrid vigor, on sturdy compact plants. Pure colors and combinations of mahogany red, gold, apricot, blue, purple, violet black and white. Illustrated in color on page 37.
1/32 oz., **65c;** ⅛ oz., **$1.95;** ¼ oz., **$3.30;** oz., **$10.00.**

Viola—Various Types

Blue Elf. The upper petal of deep violet blue provides an interesting contrast for the light violet blue of the lower petal and the gold eye. Small dark green foliage.
Johnny Jump Up. Pansy-like faces of purple, blue and yellow. A prolific bloomer.
Nigra (Black Imp). Velvety coal black flowers, small in size, but interesting and attractive.
Each of the above 3: 1/32 oz., **45c;** ⅛ oz., **$1.35;** ¼ oz., **$2.50;** oz., **$7.50.**
Odorata Semperflorens. Deep blue fragrant flowers. Often referred to as "Sweet Violet."
1/16 oz., **65c;** ⅛ oz., **$1.10;** ¼ oz., **$2.00;** oz., **$6.00.**

Zinnias . . . always popular for bedding and cutting

ANNUAL 2,500 to 4,000 seeds oz. 68-86° 1-2 weeks.

An easily grown annual that responds quickly when soil and atmospheric conditions are right. Wide variation in flower size, type and height has increased the interest in the Zinnia. It is now much used for cutting, because of its long lasting qualities, and makes an excellent background subject and dwarf sorts are also used in the garden border.

More and more the home gardener is depending on the grower for his plants, preferring to buy them rather than make his own seed sowing. To insure a good supply of plants, we suggest seed be sown about 30 days before the start of your bedding plant selling season.

Zinnia seed may also be sown inside in February and March for inside cutting. Sown in April plants will bloom from May 20 to June 20 and from a May sowing cutting material will be ready from June 10 to 20.

GIANT CACTUS FLOWERED

An extra large flowered Zinnia up to 6 inches in diameter. In form and color, there is much variation. Some petals are fluted, others flat and twisted, but all are beautiful and often spectacular.

Blaze. Flowers of brilliant mandarin-red softening to orange-scarlet.
Cherry Time. Closely related shades of cherry, cerise, spiraea red and magenta. The color is strong, the effect magnificent.
Floradale Scarlet. Intense scarlet-red.
Golden Heart. Dazzling scarlet-red petals unfold revealing a heart of rich golden yellow. Striking color contrast. The petals of this new Zinnia stand upright giving the flower a fresh "new look."
Ice Cream. A rich pure cream.
Riverside Beauty. Rich azalea-pink.
Snow Time. The nearest to white of any Cactus-flowered Zinnia. Flowers are large and borne on full-sized, vigorous plants.
Sunny Boy. Buttercup-yellow, very brilliant.
Giant Cactus Flowered Hybrids (Burpee Hybrids). A complete range of color which includes pastels found nowhere else.
Each of the above 9: ¼ oz., **50c;** oz., **$1.50;** 4 oz., **$5.00;** lb., **$15.00.**
Rosie O'Grady. A distinctive bicolor. Deep rose center shading to soft rose. Attractively curled and twisted petals. Ideal for cutting or garden decoration. 1/16 oz., **50c;** ⅛ oz., **90c;** ¼ oz., **$1.50;** oz., **$4.50;** 4 oz., **$14.00.**

LILLIPUT OR POMPON 1½ to 2 ft.

Flowers the size of large button type of Pompon "Mum."

Black Ruby. Blackish maroon
Canary Yellow
Crimson
Dainty Gem. Bicolor rose
Deep Flesh. Bright pink
Golden Gem. Golden orange
Pastel Mixture
Purple
Rose Bud
Salmon-Rose. A lovely color
Scarlet Gem
White Gem

Vaughan's Special Lilliput Mixture.
Each of above 13. ¼ oz., **40c;** oz., **$1.25;** 4 oz., **$3.75;** lb., **$11.25.**
Lilliput Tom Thumb Mixture. Small double flowers in shades of red, orange, pink, yellow, white and pastels. Delightful for low bowls. 8-10 in. ¼ oz., **65c;** oz., **$2.20;** 4 oz., **$6.60.**

ZINNIA GIANT CACTUS FLOWERED MIXED.

Giant Zinnia Sorts

WHITE and CREAM

Isabellina. Soft cream-yellow.
Purity (Polar Bear). The best large flowered white.

YELLOW and GOLDEN

Canary Bird. (Daffodil). Clear canary-yellow.
Golden Dawn (Golden Queen). Golden yellow.
Oriole. Orange and gold.
Orange King. Orange-scarlet.

LAVENDER and PURPLE

Dream (Lavender Gem). Deep lavender.
Purple Prince (Violet Queen-Royal Purple). Deep purple.

PINK and ROSE

Eldorado. (Salmon Queen). Rose on deep salmon.
Exquisite (Enchantress). Light rose, deep rose center.
Illumination. (Rose Queen). Deep rose-red.
Luminosa (Brightness). Bright deep pink suffused salmon.
Miss Willmott. Soft pastel pink.

RED and SCARLET

Cherry Queen. Brilliant cherry-rose.
Crimson Monarch (Crimson Queen). The best red.
Meteor (Grenadier). Rich deep red.
Will Rogers. Brilliant scarlet-red.
Scarlet Queen. (Scarlet Flame). Bright scarlet.

MIXTURES

★**Gold Medal Mixture.** A formula-blend composed of the most important cutflower varieties. We consider this the finest of the large flowered mixtures.
California Giants Vaughan's Special Mixture. Includes all the colors.
Super Crown of Gold Pastel Tints. Large well-formed flowers in rich pastel shades, each petal overlaid at the base with deep golden yellow.
Each of the above: ¼ oz., **40c;** oz., **$1.25;** 4 oz., **$3.75;** lb., **$11.25.**
Pink Lady. Shrimp pink center and cream or buff outer petal. ¼ oz., **50c;** oz., **$1.50;** 4 oz., **$5.00;** lb., **$15.00.**

FANTASY 2½ to 3 ft.

The rounded flowers are composed of a mass of shaggy ray-like petals.

Fantasy Mixed. Our own **formula-blend** which includes soft orchid-lavender, orange, rose, deep golden yellow, dazzling scarlet and white in just the right proportions. ¼ oz., **50c;** oz., **$1.50;** 4 oz., **$4.50;** lb., **$13.50.**

PUMILA FL. PL.

This is called the "Cut and Come Again" type. 2-3 ft.

Alba Plena. Snowball
Aurea. Golden orange
Canary Yellow.
Coccinea Plena. Fireball.
Pinkie. Rose-pink.
Salmon-Rose. Remarkable shade, good for cut flowers.
Sunshine Tints.

Vaughan's Special Pumila Mixed. The above shades.
Each of the above 8: ¼ oz., **50c;** oz., **$1.50;** 4 oz., **$5.00;** lb., **$15.00.**

OTHER VARIETIES

Cupid Mixed. Miniature flowers, 1 inch in diameter, on slender wiry stems. Plants are compact, about 1 ft. high. ¼ oz., **50c;** oz., **$1.50;** 4 oz., **$5.00;** lb., **$15.00.**
Linearis. (123,000 seeds per oz.) Blooms early and long, tiny semi-double orange flowers with yellow striped petal. Heat Resistant. Much used for edging and pots. Long lasting when cut. 8 to 10 in. 1/32 oz., **30c;** ¼ oz., **$1.50;** oz., **$4.50.**
Merry-Go-Round. Spire-like in appearance the cactus-like flowers are large with an unusual petal arrangement. Sharply defined bicolors, the outer petal in striking contrast to the center. A representative range of color, each petal being tipped in gold or white. 1/16 oz., **70c;** ⅛ oz., **$1.25;** ¼ oz., **$2.00;** oz., **$6.00.**
Peppermint Stick Mixed. Medium size Pumila type flowers striped red and white, red and yellow, and purple and white. Attractive blooms freely produced from early until killing frost. ⅛ oz., **40c;** ¼ oz., **65c;** oz., **$2.20;** 4 oz., **$6.60.**
Persian Carpet. Full-double miniature blooms in variegated combinations of gold and silver with maroon, wine and bronze. Mound-shaped plants for bedding. ⅛ oz., **60c;** ¼ oz., **$1.00;** oz., **$3.00;** 4 oz., **$9.00;** lb., **$27.00.**
Red Riding Hood. Scarlet. Button type. ⅛ oz., **35c;** ¼ oz., **50c;** oz., **$1.35;** 4 oz., **$4.40.**

Instant Glamour ZINNIA THUMBELINA

This new Zinnia is unique and distinct. Appropriately named after the little girl born in the heart of a flower in the famous Anderson fairy tale, "Thumbelina" retains her dainty appearance throughout a long season of bloom.

Miniature double and semi-double blooms, never more than 1½ inches in diameter, are freely produced on plants that are dwarf and compact. Can be had in flower when but 4 inches high and despite a constant increase in bloom and plant development retains its trim habit, remaining bushy but solidly compact. At maturity plants are only 6 inches tall.

Colors are bright and include yellow, pink, lavender, orange, scarlet and white. An ideal border plant or for use in solid blocks where splashes of bright color are wanted. Can be had in bloom with Petite Marigolds, two popular annuals for earliest sales.

So outstanding is "Thumbelina" All America Selections awarded it a Gold Medal for 1963, the first such award in 13 years. 1/32 oz., **85c;** 1/16 oz., **$1.50;** 1/8 oz., **$2.75;** 1/4 oz., **$5.00;** oz., **$15.00;** 4 oz., **$45.00.**

Old Mexico. All America Silver Medal 1962. Large blooms, freely produced on uniformly bushy plants. A tetraploid, flower size is greatly enlarged for attractive garden display. Uniform bicoloring, rich mahogany-red base overlaid with varying shades of golden yellow. Attractive for border, useful for cutting. **Illustrated with Marigold Climax on page 23.**

1/8 oz., **$1.50;** 1/4 oz., **$2.65;** oz., **$8.00;** 4 oz., **$26.55.**

Red Man. All America Bronze Medal 1962. A brighter lighter version of the popular Floradale Scarlet. Brilliant scarlet flower, beautifully and delicately quilled. Lacy airy petallage eliminates "heaviness." Compact plant, flowers of giant size. Sure to attract attention.

1/16 oz., **75c;** 1/8 oz., **$1.25;** 1/4 oz., **$2.25;** oz., **$8.00;** 4 oz., **$29.00.**

Firecracker. (F-1 Hybrid). Flowers are full-double and a clear red with scarlet undertones. Vigorous 30 inch hybrid plants show great resistance to mildew. Long strong stems with informal quilled petals add to the flower interest. All America Selections awarded it their Silver Medal for 1963.

1/16 oz., **$2.25;** 1/8 oz., **$4.00;** 1/4 oz., **$7.00;** oz., **$21.00.**

ZINNIA FIRECRACKER

COMPLETE WHOLESALE LIST OF

Vaughan's Vegetable Seeds

Tiny Tim Tomato

A window box tomato. Full grown plants are only 12 inches tall and about 14 inches across, and completely loaded with small round red fruits only ¾ inch in diameter.

¼ oz., **95c;** ½ oz., **$1.75;** 1 oz., **$3.35;** ¼ lb., **$10.00;** lb., **$30.00.**

There's

Instant Glamour in VAUGHAN'S VEGETABLES

Yolo Wonder Pepper

The best of the California Wonder type varieties. Fruits are 4-lobed, thick-meated, deep green in color. Plants are vigorous and disease resistant.

½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb. **$10.00.**

Emerald Cross Cabbage

An F-1 hybrid similar to Copenhagen Market—plus all the advantages of uniformity, vigor & productivity attributed to hybrid techniques.

⅛ oz., **90c;** ¼ oz., **$1.65;** 1 oz., **$4.00;** 4 oz., **$12.00;** lb., **$36.00.**

Vaughan's
"Instant Glamour" Vegetables selected for their overall excellence and saleability.

Burpee's Big Boy® Tomato

Another large fruited variety developed by hybrid techniques but considerably later than Early Giant. Fruits similar to Early Giant. Vines more vigorous.

1/16 oz., **$2.50;** ⅛ oz., **$4.50;** ¼ oz., **$8.50;** ½ oz., **$16.00;** 1 oz., **$30.00;** ¼ lb., **$98.00.**

Early Giant Hybrid Tomato

Giant fruit size and earliness are combined qualities that can only be had in hybrid techniques. Fruits are smooth, scarlet, slightly flattened globe shaped. A prolific producer.

1/16 oz., **$2.50;** ⅛ oz., **$4.50;** ¼ oz., **$8.50;** ½ oz., **$16.00;** 1 oz., **$30.00;** ¼ lb., **$90.00.**

Be Sure To Plant The Best Use Vaughan's Seeds

Every lot of seed we offer for sale has been tested for germination in our laboratory just prior to shipment. Every variety we offer has been or will be grown in our field trials. Our seed growers operate in the localities most favorable for disease free and problem free seed crops. All of these factors enable us to assure you that you are obtaining the very best seed when you buy from Vaughan's.

ARTICHOKE

Plant 1 oz. for 500 plants.

	½ oz.	Oz.	¼ lb.	1 lb.
Green Globe	**$0.55**	**$1.00**	**$3.00**	**$9.00**

ASPARAGUS SEED

Plant 1 oz. for 800 plants.

	Oz.	¼ lb.	1 lb.
Mary Washington	**$0.30**	**$0.95**	**$2.85**
Paradise	**.40**	**1.20**	**3.60**

ASPARAGUS ROOTS

One Plant every 18 inches in rows 4 feet apart.

	100 for	500 for	1000 for
Mary Washington. 2 Year Old	**$4.30**	**$18.00**	**$33.50**

BEANS

Complete listing of beans, peas and corn on page 58.

BEETS

Plant 2 oz. per 150 foot of row, 7 pounds per acre in rows 18-24 inches apart. Thin red beets to 1 inch apart and Mangels, sugar beets, and swiss chard to 6 inches apart in the row.

Garden Varieties

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Crosby's Egyptian	**$0.30**	**$0.55**	**$1.60**	**$1.35**
Detroit Dark Red	**.30**	**.55**	**1.60**	**1.35**
Perfected Detroit	**.30**	**.60**	**1.75**	**1.50**
Early Flat Egyptian	**.30**	**.55**	**1.60**	**1.35**
Early Wonder Special Green Top	**.30**	**.60**	**1.75**	**1.50**
Royal Red	**.30**	**.85**	**2.50**	**2.25**
Ruby Queen	**.30**	**.55**	**1.60**	**1.35**
Winter Keeper (Long Season)	**.30**	**.70**	**2.00**	**1.75**

Mangels

Golden Tankard	**—**	**$0.45**	**$1.40**	**$1.15**
Mammoth Long Red	**—**	**.40**	**1.25**	**1.00**

Sugar Beets

Klein's Wanzleben	**—**	**$0.40**	**$1.25**	**$1.00**

Swiss Chards

Dark Smooth. Broad White rib	**$0.30**	**$0.55**	**$1.60**	**$1.35**
Giant Fordhook	**.30**	**.55**	**1.60**	**1.35**
Lucullus	**.30**	**.55**	**1.60**	**1.35**
Rhubarb	**.30**	**.80**	**2.50**	**2.25**

BRUSSELS SPROUTS

Approximately 7,000 seeds per ounce. Same culture as broccoli. Does best when plants are planted in the garden in mid-June.

★**Jade Cross.** An excellent new F1 hybrid variety. Very productive and easy to grow compared with other strains. 1/16 oz., **90c;** ⅛ oz., **$1.50;** ½ oz., **$5.00;** oz., **$9.75.**

Long Island Improved Catskill Strain. A heavy yielding strain very uniform. Oz., **50c;** ¼ lb., **$1.50;** lb., **$4.50.**

GREEN SPROUTING BROCCOLI

Approximately 9,000 seeds per ounce. Plants can be ready for sales about 4-5 weeks after seeding. Seeds germinate rapidly and are ready for transplanting in about 10 days. Transfer to coldframes to hold. Number of days in variety description refers to days required from planting plants in the garden to first harvest.

★**Waltham 29.** 60 days. A very uniform heavy yielding variety with medium sized heads. The beads are small and hold for a long time before elongating for bloom. Oz., **50c;** ¼ lb., **$1.55;** lb., **$4.30.**

BROCCOLI WALTHAM 29

De Cicco. 60 days. A good early strain. Plants are light green in color forming compact heads bluish green in color. Oz., **40c;** ¼ lb., **$1.20;** lb., **$3.60.**

Calabrese. Oz., **40c;** ¼ lb., **$1.20;** lb., **$3.60.**

CABBAGE

Approximately 7,000 seeds per ounce. Seeds germinate rapidly and are ready to transplant into peat pots or flats in 10 days. They are ready for sale in 5 weeks. Must be grown in cool house after transplanting.

Hybrid Varieties

Instant Glamour

Emerald Cross. 67 day. A true F-1 hybrid cabbage with all the characteristics of Copenhagen Market plus hybrid vigor and uniformity. ⅛ oz., **90c;** ¼ oz., **$1.65;** oz., **$4.00;** 4 oz., **$12.00;** lb., **$36.00.**

★**O. S. Cross.** 75 days. The chief merits of this true F1 hybrid is its huge size, extreme vigor and high quality. We've been told by customers that some heads have weighed as much as 28 pounds. ¼ oz., **60c;** ½ oz., **$1.05;** oz., **$1.95;** ¼ lb., **$5.85.**

Yellows Resistant Varieties

All Seasons 90 days. It is used more for kraut than any other purpose, heads large, 7 inches deep. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.65;** 1 lb., **$5.00.**

Badger Market. 70 days. A round headed resistant variety of 3 to 3½ pounds in weight that is ideally suited for shipping. ½ oz., **30c;** oz., **50c;** ¼ lb., **$1.55;** 1 lb., **$4.60.**

Bugner. 100 days. It is one of the heaviest for size of head, being firm, tender and excellent quality. 8 inches in diameter, round, flattened slightly, deep through, 7 inches, weighing 10 pounds or more. ½ oz., **40c;** oz., **65c;** ¼ lb., **$2.00;** 1 lb., **$6.00.**

Globe. 75 days. Resistant Glory of Enkhuizen. Solid heads 6-7 inches in diameter and weighing up to 7 pounds. Holds well. Excellent flavor and texture. ½ oz., **30c;** oz., **45c;** ¼ lb., **$1.33;** 1 lb., **$4.00.**

★**Golden Acre Resistant.** 63 days. A very uniform strain of early round headed cabbage. The heads are firm compact with bluish outer leaves. The interior is clear white of excellent quality. ½ oz., **40c;** oz., **65c;** ¼ lb., **$2.00;** lb., **$5.00.**

Greenback. 75 days. Resistant Round Dutch-type with excellent yellows resistance and in addition resistant to bolting. A good market and shipping variety. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.65;** 1 lb., **$5.00.**

★**Jersey Queen.** 60 days. A very uniform strain of early pointed or cone shaped cabbage bred with yellows resistance. Heads hard 7 inches tall and 5 inches wide weighing 3 pounds. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.60;** lb., **$4.75.**

Cabbage descriptions continued on next page.

Our Specially Recommended Varieties Have A Star Before the Variety Name

CABBAGE—Continued

Yellows Resistant Varieties — Continued

FIELD OF YELLOWS RESISTANT BUGNER CABBAGE

Marion Market. 75 days. A resistant type of Copenhagen except a little later and coarser. Heavy producer and desired for kraut. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.60;** 1 lb., **$4.75.**

Racine Market, Wisconsin Pride. 64 days. Large, round headed, uniform cabbage with characteristic blue green color. Holds well. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.65;** 1 lb., **$5.00.**

Wisconsin Ballhead Improved. 100 days. Head 7 inches in diameter, nearly round. Solid, smooth, uniform, weighing 7 pounds, smaller and more uniform than No. 8. ½ oz., **40c;** oz., **65c;** ¼ lb., **$2.00;** 1 lb., **$6.00.**

Wisconsin Copenhagen. 67 days. A very fine strain of Copenhagen that is resistant. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.65;** 1 lb., **$5.00.**

Wisconsin Hollander No. 8. 110 days. Heads round to flattened, dark green. 8 inches wide, 6½ inches deep and of good quality, weighing 8 pounds. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.65;** 1 lb., **$5.00.**

Standard Varieties

Bonanza. 75 days. An almost round very firm head about 6½ inches in diameter. Very slow to bolt. ½ oz., **40c;** oz., **65c;** ¼ lb., **$2.00;** 1 lb., **$6.00.**

Charleston Wakefield. 73 days. Heads pointed or bluntly so, heart shaped, 7½ inches long, 7 inches wide, 4½ pounds in weight. ½ oz., **30c;** oz., **40c;** ¼ lb., **$1.00;** 1 lb., **$3.00.**

Copenhagen Market Select. 67 days. Desirable for early market home garden or kraut. Head round, 7 inches in diameter, weighing 4 pounds. ½ oz., **30c;** oz., **50c;** ¼ lb., **$1.50;** 1 lb., **$4.50.**

Danish Ballhead, Short Stem or Dwarf Amagar. 105 days. Used for shipping, storage and Kraut. Heads round, 7 to 8 inches in diameter, very firm, smooth, solid, weighing 8 pounds. Interior very closely packed, exceptional quality. ½ oz., **30c;** oz., **50c;** ¼ lb., **$1.50;** 1 lb., **$4.50.**

Early Flat Dutch. (Steins). 75 days. Head 7 inches wide, 6 inches deep, weighing 4-5 pounds; medium green color, good keeper. ½ oz., **30c;** oz., **40c;** ¼ lb., **$1.10;** 1 lb., **$3.25.**

Early Jersey Wakefield. 61 days. Like Jersey Queen but not yellows resistant. ½ oz., **30c;** oz., **40c;** ¼ lb., **$1.10;** 1 lb., **$3.25.**

Golden Acre Select. 63 days. An early round head 6 inches in diameter and weighing 3 pounds; very firm. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.65;** 1 lb., **$5.00.**

Premium Lake Flat Dutch. 110 days. 12 inches wide, 7 inches deep, weight 12 pounds. One of the largest flat heads and an excellent grower anywhere. ½ oz., **30c;** oz., **40c;** ¼ lb., **$1.10;** 1 lb., **$3.25.**

Succession (Hendersons Strain). 88 days. A dependable variety for late summer and fall crop with good quality. Heads large flat and solid. ½ oz., **30c;** oz., **45c;** ¼ lb., **$1.40;** 1 lb., **$4.00.**

Savoy Variety

Chiefton. 90 days. The best strain we have had. 7 inches across, 6 inches deep, weighing 5 pounds. Extremely savoyed leaf with a hard head. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.65;** 1 lb., **$5.00.**

Red Varieties

Early Red Acre. (Early Red). 90 days. The earliest red cabbage, very uniform in color, size and maturity. ½ oz., **30c;** oz., **50c;** ¼ lb., **$1.50;** 1 lb., **$4.50.**

Mammoth Rock Red. 100 days. The darkest red strain throughout of any. 7 inches across, 6 inches deep, very dark, weighing 6½ pounds. ½ oz., **30c;** oz., **50c;** ¼ lb., **$1.50;** 1 lb., **$4.50.**

Red Wisconsin Resistant. 100 days. Same as Mammoth Rock Red except it has been bred for yellows resistance. ½ oz., **50c;** oz., **85c;** ¼ lb., **$2.50;** 1 lb., **$7.50.**

Chinese Cabbage

Michihli. 70 days. Improved Strain of Chihli uniform size and heading ability heads 15-18 inches tall, 4-5 inches thick tapering. Very fine table quality. oz., **30c;** ¼ lb., **80c;** 1 lb., **$2.50.**

Paoting or Wong Bok. 80 days. Heads short, flattened ends, 9 to 10 inches tall. oz., **30c;** ¼ lb., **65c;** 1 lb., **$1.95.**

PAOTING MICHIHLI

Nagoa Spring (Hybrid). 75 days. Easily grown as a spring crop, and can be planted earlier in the summer for a fall crop. Heads resemble Wong-Bok but store better. Pkt., **50c;** ½ oz., **80c;** oz., **$1.50;** ¼ lb., **$4.50.**

CANTALOUPE

An ounce of seed will plant 100 hills. 2½ lbs. per acre. Rows should be about 6 foot apart. Hills 4 foot apart in the row.

Hybrid Variety

	½ oz.	¼ oz.	½ oz.	Oz.
Super Market	$2.50	$4.50	$8.50	$16.50

Standard Varieties

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Banana	$0.30	$0.90	$2.75	$2.50
Extra Early Hackensack. Best strain.	.30	.85	2.50	2.25
Hale's Best Jumbo Strain	.30	.85	2.50	2.25
Harvest Queen	.35	1.10	3.25	3.00
Hearts of Gold or Improved Hoodoo	.30	.85	2.50	2.25
Honey Dew	.30	.85	2.50	2.25
Honey Rock	.30	.85	2.50	2.25
Iroquois	.30	.85	2.50	2.25
Milwaukee Market	.30	.85	2.50	2.25
Penn Sweet	.35	1.10	3.25	3.00
Pride of Wisconsin	.30	.85	2.50	2.25
Rocky Ford. Green Flesh	.30	.85	2.50	2.25
Schoon's Hardshell (Early Bender).	.30	.85	2.50	2.25

CARDOON

Plant seeds early in greenhouse; transplant into rows 36 inches apart and 12 inches apart in the row. 1 ounce for 100 foot of row.

	½ oz.	Oz.	¼ lb.	1 lb.
Large Smooth Leaf	$0.50	$0.85	$2.50	$7.50

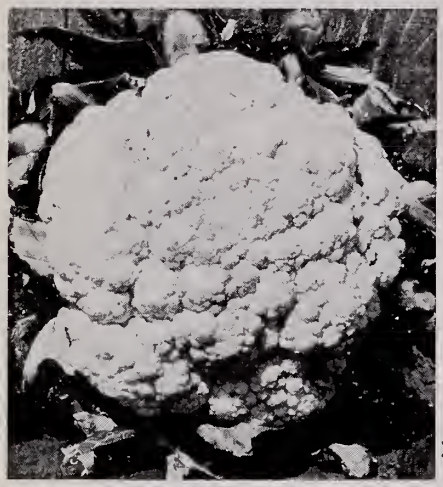
CARROT

One ounce will plant 300 foot of row. 1½-2½ lbs. per acre. Seed direct in rows 12 to 18 inches apart.

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Chantenay Greater (Long Type)	$0.30	$0.65	$2.00	$1.75
Chantenay (Red core)	.30	.65	2.00	1.75
Danvers Half Long. Red core	.30	.65	2.00	1.75
Gold Pak	.40	1.20	3.50	3.25
Hutchinson (Waltham Strain)	.30	.85	2.50	2.25
Imperator Long Type	.30	.85	2.50	2.25
Improved Long Orange	.30	.65	2.00	1.75
Nantes Half Long	.30	.75	2.20	1.95
Oxheart	.30	.85	2.50	2.25
Sweetheart	.40	1.20	3.50	3.25
Touchon	.30	.75	2.20	1.95
Waltham Hicolor	.40	1.20	3.50	3.25

CAULIFLOWER

Approximately 7,000 seeds per ounce. Culture for bedding plants same as for cabbage. Your customers will be better satisfied if you sell cauliflower plants in peat pots because it insures unchecked growth



CAULIFLOWER IDEAL

★**Super Select Snowball.** 55 days. An early very uniform variety, all heading within a few days. Heads average 6 in. in diameter with excellent white color, a fine texture, and weigh about 2 pounds. ¼ oz., **95c;** ½ oz., **$1.75;** oz., **$3.25;** ¼ lb., **$9.75.**

★**Ideal.** 60 days. Tends to head very well even under adverse conditions. ¼ oz., **$1.00;** ½ oz., **$1.90;** oz., **$3.50;** ¼ lb., **$10.00.**

New Snowball. (Main-crop). 60 days. Weight 2 pounds, firm, compact, pure white, a most sure header. ¼ oz., **85c;** ½ oz., **$1.60;** oz., **$3.00;** ¼ lb., **$9.25.**

Snowball 25. 65 days. A very rugged strain of Snowball Cauliflower with extremely wide adaptation. It has a rather long harvest period which is preferred by many. Heads are firm, extra solid, and an excellent white. ¼ oz., **90c;** ½ oz., **$1.70;** oz., **$3.25;** ¼ lb., **$9.75.**

Purple Head. 60 days. Very much like New Snowball except curds are purple. ¼ oz., **95c;** ½ oz., **$1.75;** oz., **$3.25.**

CELERIAC

Culture & seeding same as for celery.

	½ oz.	Oz.	¼ lb.	1 lb.
Large Smooth Prague	**$0.40**	**$0.70**	**$2.15**	**$6.50**

CELERY

An ounce of seed will produce 8000-10,000 plants. 20,000-30,000 plants are required to plant an acre if planted 12 inches apart in rows 24 inches.

	¼ oz.	½ oz.	Oz.	¼ lb.	1 lb.
Giant Pascal	.30	.50	.85	2.50	7.50
Golden Self-Blanching Dwarf	.35	.60	1.10	3.25	9.75
Spartan 162	.70	1.35	2.50	7.50	22.50
Summer Pascal	.35	.60	1.10	3.35	10.00
Tall Utah 52-70	.70	1.35	2.50	7.50	22.50
Utah Pascal	.35	.60	1.10	3.25	9.75

CHERVIL

Plant about ½ ounce of seed per 100 foot of row. Germinates slowly and grows slowly until plants are 2 inches tall. Thin to about 5 inches apart.

	Oz.	¼ lb.	1 lb.
Double Curled	**$0.30**	**$0.75**	**$2.25**

CHICORY

Plant early as possible using ½ ounce of seed per 100 foot of row. Thin plants to 6 inches.

	Oz.	¼ lb.	1 lb.
Asparagus or Radichetta	**$0.30**	**$0.90**	**$2.75**
Magdeburg. Large rooted	.30	.90	2.75
San Pasquale	.35	1.00	3.00
Witloof or French Endive. Fancy	.30	.90	2.75

CHIVES

Plant early as possible about 1 oz. of seed for 100 foot of row.

	½ oz.	Oz.	¼ lb.	1 lb.
Allium Schoenoprasm	**$0.75**	**$1.35**	**$4.10**	**$12.25**

COLLARDS

Seeded directly in the field in rows 24-30 inches apart. Requires about 2-2½ lbs. of seed per acre, ½ ounce will plant 100 foot of row.

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Georgia	**$0.30**	**$0.40**	**$1.15**	**$1.00**
Vates	.30	.70	2.00	1.85

SWEET CORN

Complete listing of corn, beans and peas on page 58.

CORN SALAD

One ounce will plant 100 foot of row. Usually not grown in acres.

	½ oz.	Oz.	¼ lb.	1 lb.
Feticus (Mache-stick)	**$0.30**	**$0.45**	**$1.30**	**$3.80**

CRESS

One ounce will plant the equivalent of 50 foot of row. Usually not grown in acres.

	½ oz.	Oz.	¼ lb.	1 lb.
Curled or Pepper Grass	—	**$0.30**	**$0.65**	**$1.90**
Upland	—	.40	1.20	3.60
Water	.65	1.15	3.35	10.00

CUCUMBERS

Some markets are readily accepting cucumber plants in peat pots. They are easy to start. Just plant 2 seeds directly in a peat pot and thin to 1 plant after stand is established. Plants are ready for sale in 4 weeks.

An ounce will plant about 75 foot of row. 2-3 lbs. are required to plant an acre in hills 3 feet apart in rows 5 feet apart.

Hybrid Variety

	⅛ oz.	¼ oz.	½ oz.	Oz.	¼ lb.
Vaughan's Hybrid	**$0.95**	**$1.75**	**$3.00**	**$5.50**	**$16.50**

Standard Varieties

	1 oz.	¼ lb.	1 lb.	5 lbs. per lb.
"A & C" Colorado	**$0.30**	**$0.80**	**$2.35**	**$2.10**
Ashley	.30	.95	2.75	2.50
Boston Pickling	.30	.65	2.00	1.75
Chicago Westerfield Pickling	.30	.65	2.00	1.75
Fletcher	.35	1.00	3.00	2.75
Improved Long Green	.30	.80	2.35	2.10
Japanese Climbing	.35	1.00	3.00	2.75
Mandarin	.40	1.20	3.75	3.50
Marketer Long Type	.30	.95	2.75	2.50
Marketer	.30	.75	2.25	2.00
Mincu	.35	1.00	3.00	2.75
MR 17	.30	.65	2.00	1.75
National Pickling	.30	.65	2.00	1.75
Niagara	.30	.85	2.50	2.25
Smoothie	.35	1.00	3.00	2.75
Spartan Dawn	1.00	3.00	9.00	8.50
Stono	.30	.85	2.50	2.25
Straight Eight	.30	.85	2.50	2.25
The Vaughan	.30	.85	2.50	2.25
West India Gherkin	.35	1.00	3.00	2.75
Wisconsin No. 6	.30	.65	2.00	1.75
Yorkstate	.30	.65	2.00	1.75

CUCUMBER ASHLEY

DANDELION

An ounce will plant 300 foot of row 1½-2 lbs. per acre.

	½ oz.	Oz.	¼ lb.	1 lb.
Thick Leaved or Cabbaging	**$0.90**	**$1.65**	**$5.00**	**$15.00**

DILL

An ounce will plant 300 foot of row 3-4 lbs. for an acre.

	Oz.	¼ lb.	lb.	5 lbs. per lb.
Long Island Mammoth	**$0.30**	**$0.50**	**$1.30**	**$1.05**

EGG PLANT

About 6,000 seeds per ounce. Sow seed 7-8 weeks before early plant sales begin. Ready for transplanting to peat pots 14-20 days after seeding. Require warm house.

EGGPLANT BLACK BEAUTY

★**Vaughan's Hybrid.** 80 days. An F1 Hybrid of Black Beauty type. The plants are more vigorous, productive and fruits are somewhat larger. Dark purple and excellent quality. ¼ oz., **$1.50;** ½ oz., **$2.85;** oz., **$5.50;** ¼ lb., **$16.75.**

★**Black Beauty.** 80 days. The standard variety for broad fruits. Widely grown because of its excellent quality and flavor. Plants are 24-30 inches tall producing smooth, dark purple, oval to deep globe shaped fruits. ¼ oz., **40c;** ½ oz., **65c;** oz., **$1.15;** ¼ lb., **$3.35;** lb., **$10.00.**

Fort Myers Market (Florida High Bush). 83 days. Plants are tall carrying the fruits well off the ground. Fruits are long oval, and very dark purple. ¼ oz., **40c;** ½ oz., **65c;** oz., **$1.15;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

New York Purple. 83 days. Plants spineless bearing 4-5 dark purple, broad oval fruits. Fruits somewhat more elongated than Black Beauty. ¼ oz., **40c;** ½ oz., **65c;** oz., **$1.15;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

ENDIVE

½ ounce will plant 100 foot of row. Two pounds will plant an acre with rows 18-24 inches apart.

	Oz.	¼ lb.	1 lb.
Broad-leaved Batavian White Escarolle Full Heart	$0.30	$0.70	$2.10
Florida Deep Heart	.30	.70	2.10
Green Curled Pancalier, Rose Ribbed	.30	.70	2.10
Green Curled Summer	.30	.70	2.10
Salad King	.40	1.10	3.30

GARDEN HUCKLEBERRY

Same culture as Tomatoes, see page 56.

	½ oz.	Oz.	¼ lb.	1 lb.
Common	$0.50	$0.90	$2.65	$7.85

GARLIC

Bulbs consisting of cloves that are broken apart for planting. They have one common root attachment.

	1 lb.	5 lbs. per lb.	25 lbs. per lb.
Bavarian	$0.85	$0.65	$0.60

HERBS

During the past four or five years herbs have become more popular and to keep our customers with items to sell we have increased our listings. Most of the herbs are easily and economically grown. There is a nice profit growing and selling them in 2¼ or 3 inch peat pots.

Seed requirements vary so greatly that no attempt can be made here to list them by kind.

	½ oz.	1 oz.	¼ lb.	1 lb.
Anise	—	$0.40	$1.15	$3.50
Borage	—	.30	.90	2.70
Caraway	—	.30	.90	2.70
Catnip	.55	.95	2.90	8.75
Coriander	—	.30	.85	2.60
Fennel, Florence	—	.40	1.25	3.75
Fennel, Sweet	—	.40	1.15	3.50
Horehound	.50	.85	2.50	7.50
Hyssop	.50	.85	2.50	7.50
Lavender (True)	1.00	1.85	5.50	—
Rosemary	1.65	3.15	9.50	—
Rue	.65	1.15	3.35	10.00
Saffron	.45	.80	2.40	7.20
Sage	.40	.65	1.90	5.75
Savory, Summer	.30	.50	1.45	4.30
Sweet Basil (Lettuce Leaf)	—	.40	1.15	3.50
Sweet Marjoram	.55	.95	2.90	8.75
Thyme	.95	1.75	5.25	15.75

HORSERADISH SETS

	per Doz.	per 100	per 1000
8-10 inch Selected	$1.00	$5.50	$50.00

KALE OR BORECOLE

½ ounce will plant 100 foot of row. Two lbs. will plant an acre in 24-30 inch rows.

	Oz.	¼ lb.	1 lb.
Dwarf Green Curled	$0.30	$0.65	$1.90
Tall Green Scotch	.30	.65	1.90
Vates (Dwarf Blue)	.30	.65	1.90
Siberian Long Standing	.30	.55	1.60

KOHLRABI

½ ounce will plant 100 foot of row. Two lbs. will plant an acre in 24 inch rows.

	Oz.	¼ lb.	1 lb.
Early Purple Vienna	$0.35	$1.00	$3.00
Early White Vienna	.35	1.00	3.00

LEEK

½ ounce will plant 100 feet of row. 2-3 lbs. for an acre planted in rows 18 inches apart.

	Oz.	¼ lb.	1 lb.
Broad Scotch or London Flag	$0.50	$1.50	$4.50
Large Musselburg	.50	1.50	4.50
Elephant	.50	1.50	4.50

LETTUCE

There is a limited market for lettuce plant sales. A few of our customers do sell lots of lettuce plants.

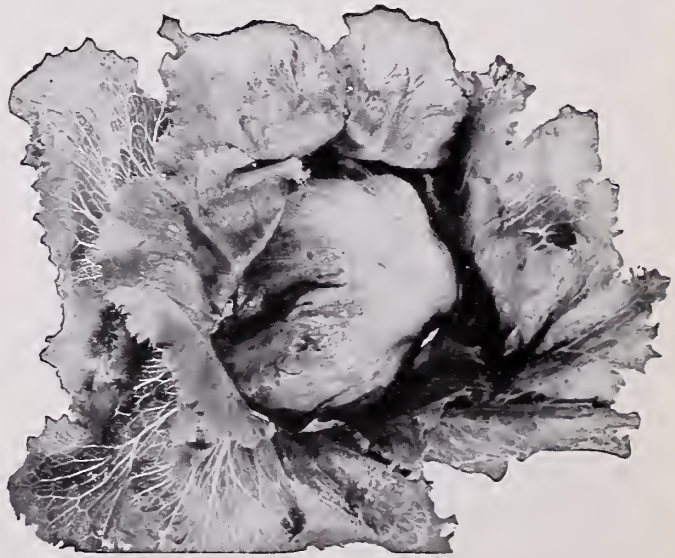
For greenhouse forcing our Grand Rapids Forcing and our Bibb strains are unsurpassed.

½ ounce will plant 100 foot of row. Two lbs. will plant an acre with rows 18-24 inches apart.

Leaf Varieties

	Oz.	¼ lb.	1 lb.
Black-Seeded Simpson	$0.30	$0.70	$2.00
Early Curled Simpson	.30	.70	2.00
Grand Rapids Forcing	.30	.75	2.25
Oak Leaf	.35	1.10	3.25
Prizehead	.30	.70	2.00
Ruby	.30	.95	2.85
Salad Bowl	1.00	2.95	8.75

Crisp Head Varieties



GREAT LAKES

	Oz.	¼ lb.	1 lb.
Great Lakes (for uplands)	$0.65	$1.85	$5.50
Great Lakes No. 659 for fall crop	.65	1.85	5.50
Iceberg	.30	.75	2.25
Imperial No. 456 (for Muck or lowlands)	.65	1.85	5.50
Oswego	1.00	3.00	9.00
Pennlake	.65	1.85	5.50

Lettuce continued on next page

TUCE—Continued

Butter Head Varieties

	Oz.	¼ lb.	1 lb
Buttercrunch (Bibb type. **All America 1963 Winner**)	$2.35	$7.00	—
Bibb	0.30	0.85	$2.50
Big Boston	.30	.65	2.00
Matchless	.55	1.60	4.75
May King	.30	.85	2.50
Unrivalled or White Boston	.30	.85	2.50

Cos Varieties

Express Cos (Dark Green)	$0.30	$0.70	$2.10
Paris White Cos	.30	.70	2.10
Parris Island Cos	.40	1.15	3.50

Mosaic Indexed Varieties

Cornell 456 MT	$1.00	$3.00	$9.00
Parris Island Cos MT	.95	2.85	8.50
White Boston MT	.60	1.85	5.50

MUSTARD

One ounce will plant 300 foot of row. About 3 lbs. will plant an acre in rows 24 inches apart.

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Chinese Smooth Leaf	$0.30	$0.50	$1.00	$0.85
Florida Broad Leaved	.30	.50	1.00	.85
Giant Southern Curled Long Standing	.30	.50	1.00	.85
Green Wave (Long standing)	.30	.60	1.15	1.00
Tendergreen	.30	.50	1.00	.85

MUSHROOM SPAWN

Lambert's New Spore Culture Spawn. Made by an entirely new process. More vigorous and more productive than tissue spawn. Produces mushrooms of greater uniformity and truer to type.

Improved Vita.

1 Brick	5 Bricks	10 Bricks
$0.75	$3.25	$6.00

Sterilized Bottle Spawn, in cartons. One carton will spawn 40 square feet. **$1.45** per carton. **$14.50** per doz.

OKRA

Two ounces will plant 100 foot of row. 5-6 lbs. will plant an acre in rows 40 inches apart.

	¼ lb.	1 lb.	5 lbs. per lb.
Clemson Spineless	$0.35	$1.00	$0.80
Dwarf Long Pod	.35	1.00	.80
Perkins Mammoth	.35	1.00	.80
White Velvet	.35	1.00	.80

ABUNDANCE HYBRID

ONIONS

Some of our customers have made nice profits selling onion plants in flats. They seed 7-10 seeds per inch of row in flats in rows 1½-2 inches apart about 6 weeks before offering the plants for sale. Short daylength varieties like Bermuda and Hybrid Sweet Spanish have been particularly good sellers.

An ounce will plant 100 foot of row. 3-4 lbs. will plant an acre in rows 18 inches apart. Write for special quantity net prices.

Hybrid Varieties

	Oz.	¼ lb.	1 lb.
Aristocrat	$1.15	$3.35	$10.00
Abundance (Early Yellow Globe Type)	1.15	3.35	10.00
Autumn Spice Storage Type (northern area)	1.15	3.35	10.00
Brown Beauty (Yellow Globe Type)	1.15	3.35	10.00
Early Harvest	1.40	4.20	12.50
Elite	1.15	3.35	10.00
Encore (Early Yellow Globe Type)	1.15	3.35	10.00
Magnifico (Sweet Spanish Type)	1.35	4.25	12.50
Vaughan's Hybrid Winter Keeper	1.30	4.00	12.00

Standard Varieties

Beltsville Bunching	$1.95	$5.85	$17.50
Bermuda Yellow	.40	1.20	3.60
Crystal White Wax	.40	1.20	3.60
Downing Yellow Globe	.55	1.70	5.00
Early Yellow Globe	.50	1.55	4.75
Ebenezer Yellow	.40	1.15	3.50
Ebenezer White	.40	1.15	3.50
Golden Globe	.45	1.40	4.25
He-Shi-Ko or Jap Bunching	.45	1.30	4.00
Iowa Yellow Globe No. 44	.65	1.90	5.75
Red Wethersfield	.50	1.50	4.50
Southport White Globe	.55	1.55	4.75
Southport Red Globe	.55	1.55	4.75
Southport Yellow Globe	.55	1.55	4.75
White Lisbon Bunching	.50	1.50	4.65
White Portugal	.40	1.20	3.60
White Sweet Spanish	.65	1.90	5.75
Yellow Sweet Spanish	.60	1.85	5.50

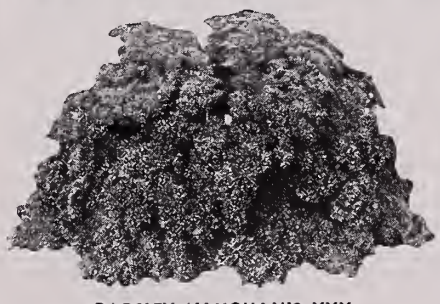
PARSNIP

½ ounce will plant 75 foot of row. 3-4 lbs. will plant an acre in rows 24-30 inches apart.

	Oz.	¼ lb.	1 lb.
All American (Hollow Crown)	$0.30	$0.50	$1.50
Guernsey	.30	.50	1.50
Harris Model	.30	.50	1.50

PARSLEY

Approximately 10,000 seeds per ounce. Parsley plants in peat pots are a natural for plant sales. Seed 9-10 weeks before offering plants for sale. Transplant to peat pots 15-21 days after seeding.



PARSLEY VAUGHAN'S XXX

Vaughan's XXX. The finest possible strain of triple curled parsley. Plants compact, dark green, with exceedingly fine cut and finely curled leaves. Oz., **35c;** ¼ lb., **$1.00;** 1 lb., **$3.00.**

Champion Moss Curled. 70 days. Plant compact, dark green, exceedingly fine cut, dense. Oz., **30c;** ¼ lb., **80c;** 1 lb., **$2.25.**

Plain Regular. 72 days. Leaves bright green, deeply cut, flat, not curled, stem small, solid. Oz., **30c;** ¼ lb., **80c;** 1 lb., **$2.25.**

Italian Giant Plain Celery Leaved. Leaves are larger and darker green than regular Plain Parsley. Oz., **30c;** ¼ lb., **95c;** 1 lb., **$2.85.**

Hamburg Rooted. 90 days. Root 8 to 10 inches long, parsnip like, used for flavoring. Leaves plain, deeply cut, stem hollow, twinged with purple. Oz., **30c;** ¼ lb., **80c;** 1 lb., **$2.25.**

PEAS

See complete listing of peas, beans and corn on page 58.

PEPPERS

Approximately 4,500 seeds per ounce. Seed 6-7 weeks before offering plants for sale. Transplant 10-15 days after seeding. Germinate seed warm. Peppers are very popular for plant sales.

All Big (Illinois F-5). 65 days. Early maturing general purpose variety for market and home garden. Fruits pendant dark green 3 and 4 lobes, walls medium thick. ½ oz., **65c;** oz., **$1.20;** ¼ lb., **$3.60;** 1 lb., **$10.75.**

California Wonder. 75 days. A fine variety with sweet fruits. 4½ inches long and 3½ inches in diameter. Fruits are dark green changing to scarlet when mature. The flesh is thick, and the flavor excellent. ½ oz., **55c;** oz., **95c;** ¼ lb., **$2.75;** lb., **$8.25.**

Early California Wonder. 70 days. All the fruit and plant characteristics are the same as California Wonder and Yolo Wonder, but the variety seems to set fruits earlier in more fertile soils than either of the others. ½ oz., **55c;** oz., **$1.00;** ¼ lb., **$2.95;** lb., **$8.75.**

Cayenne, Long Red. 70 days. Plant productive, large fruit, 5 by ¾ inch, pendant, tapering, deep green, changing to red. Hot. ½ oz., **55c;** oz., **$1.00;** ¼ lb., **$3.00;** 1 lb., **$9.00.**

Golden California Wonder. 80 days. The same as California Wonder except peppers are a bright gold changing to orange red when mature. A very fine flavor and color. ½ oz., **65c;** oz., **$1.20;** ¼ lb., **$3.50;** 1 lb., **$10.50.**

Hungarian Hot. 65 days. Plant medium tall and very prolific, having as many as 16 full size fruits, 7 by 1½ inches at shoulder, tapering to a straight point. Pale yellow green, changing to deep crimson. ½ oz., **65c;** oz., **$1.20;** ¼ lb., **$3.50;** 1 lb., **$10.50.**

Hungarian Sweet. (Sweet Banana). Same as Hot, but sweet. (See picture on next page). ½ oz., **65c;** oz., **$1.20;** ¼ lb., **$3.50;** 1 lb., **$10.50.**

Italianelle. 62 days. An early thin fleshed hot variety with green fruits about 5 inches long and 1½-2 inches in diameter. Excellent for drying. ½ oz., **60c;** oz., **$1.05;** ¼ lb., **$3.10;** 1 lb., **$9.25.**

King of the North, Ruby King. 68 days. Erect, prolific plants, fruit 5 by 3 inches, 3-lobed, tapered, smooth, deep green turning deep red. Sweet. ½ oz., **60c;** oz., **$1.05;** ¼ lb., **$3.10;** 1 lb., **$9.25.**

Pimento Perfection. 73 days. Plant erect, large prolific, fruit 3½ by 2½ inches, top shape, heavy walls, smooth, pendant, dark green turning to bright crimson. Sweet. ½ oz., **60c;** oz., **$1.05;** ¼ lb., **$3.15;** 1 lb., **$9.50.**

Roumanian Block Type Mild. 65 days. The Semi sweet, blocky, waxy yellow peppers make this a popular variety. The fruits are 4½ inches long and 3 inches in diameter. Only a small portion of the fruit around the seed has hotness. ½ oz., **$1.30;** oz., **$2.50;** ¼ lb., **$7.50.**

Roumanian Block Type Sweet. 65 days. Same as Roumanian Block Type Mild but sweet. ¼ oz., **70c;** ½ oz., **$1.30;** oz., **$2.50;** ¼ lb., **$7.50.**

Small Red Chili. 82 days. Plant low, spreading, productive. Fuits erect, conical, very hot; color light green, changing to bright red. Used in making pepper sauce. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

Sunnybrook Pimento. 73 days. Sweet, rather tall plant, prolific, fruit 2½ by 2¾ inches, called a squash pepper or tomato pepper due to shape, deep green turning to deep red. ½ oz., **75c;** oz., **$1.40;** ¼ lb., **$4.20** 1 lb., **$12.50.**

Wisconsin Lakes. 65 days. This variety has outyielded California Wonder in Wisconsin consistently. The plants are 18 to 21 inches tall, the fruits are upright and medium to large, thick fleshed. ½ oz., **80c;** oz., **$1.45;** ¼ lb., **$4.30;** 1 lb., **$12.95.**

World Beater, Magnum Dulce. 75 days. Sweet, vigorous, upright, prolific fruit 5 by 3½ inches, mostly 4-lobed, smooth. ½ oz., **55c;** oz., **$1.00;** ¼ lb., **$2.95;** 1 lb., **$8.75.**

Instant Grow

Yolo Wonder. 70 days. (See page 48 for color picture). By far the best strain of **California Wonder.** ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** lb., **$10.00.**

PUMPKIN

Grow in most any soil. One ounce of seed will plant 15-20 hills. Three pounds will plant one acre in hills 4 foot apart in the row with rows 7 foot apart.

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Connecticut Field or Big Tom	$0.30	$0.70	$2.00	$1.80
Halloween (Jack O'Lantern)	.30	.70	2.15	1.95
Kentucky Field	.30	.60	1.80	1.60
Small Sugar Pie	.30	.70	2.15	1.95
Striped Cushaw	.30	.70	2.00	1.80
Vaughan's Mammoth Prize	.30	.80	2.35	2.15

PEPPER HUNGARIAN OR BANANA SWEET

RADISH

One ounce of seed will plant 75 foot of row. About 15 lbs. is required to plant an acre in rows 12 inches apart. Write for special net prices for quantities.

RADISH SCARLET GLOBE SHORT TO

	¼ lb.	1 lb.	5 lbs. per lb.	25 lbs. per lb.
Burpee White	$0.70	$2.15	$2.00	$1.8
Cavalier	.40	1.15	1.00	.8
Cherry Belle	.45	1.35	1.20	1.05
Champion	.40	1.30	1.15	1.0
Cincinnati Market	.40	1.15	1.00	.8
Crimson Giant Forcing	.35	1.10	.95	.80
Early Scarlet Globe (Medium top)	.35	1.10	.95	.80
Early Scarlet Globe (Short top)	.35	1.10	.95	.8
Improved French Breakfast	.40	1.15	1.00	.8
Red Prince	.35	1.10	.95	.80
Scarlet Turnip, White Tip (Sparkler)	.35	1.10	.95	.8
White Icicle	.35	1.10	.95	.8
White Strassburg	.45	1.40	1.25	1.1

Winter Varieties

California Mammoth White	$0.45	$1.40	$1.25	—
Chinese Mammoth or Celestial	.45	1.40	1.25	—
Long Black Spanish	.45	1.40	1.25	—
Rose or Scarlet China Winter	.45	1.40	1.25	—
Round Black Spanish	.45	1.40	1.25	—

RHUBARB

One ounce will produce 500 plants. About 5000 plants are required per acre, if planted 30 inches apart in rows 4 foot apart.

	Oz.	¼ lb.	1 lb
Mammoth	$0.40	$1.25	$3.75
Victoria	.40	1.25	3.75

ROCKET

One ounce will seed 100 foot of row. Seldom grown in acres.

	Oz.	¼ lb.	1 lb.
Ruccoli	$0.40	$1.20	$3.60

SALSIFY

One ounce will seed 100 foot of row. 10-12 lbs. per acre if planted in 20 inch rows.

	½ oz.	Oz.	¼ lb.	1 lb.
Mammoth Sandwich Island	$0.35	$0.55	$1.65	$5.00

SORREL

One ounce sows 150 foot of row, 2-3 lbs. for an acre.

	½ oz.	Oz.	¼ lb.	1 lb.
Broad Leaved	$0.30	$0.45	$1.35	$4.00
Narrow Leaved	.30	.50	1.50	4.50

SWISS CHARD

See complete listing under beets.

SPINACH

Sow early or late as it does not do well when daylength is long. Plant 12-20 lbs. of seed per acre in rows 12-18 inches apart.

	¼ lb.	1 lb.	5 lbs. per lb.
Hybrid No. 7	$0.50	$1.45	$1.30
America	.30	.75	.60
Bloomsdale Long Standing	.30	.75	.60
Dixie Market	.30	.80	.65
King of Denmark	.30	.75	.60
New Zealand	.30	.90	.75
Old Dominion	.30	.75	.60
Viking (Giant Nobel)	.30	.75	.60
Virginia, Blight-Resistant	.30	.75	.60

SQUASH

One ounce of seed will plant 25 hills. 5-6 lbs. will plant one acre in hills with rows 8 foot apart and hills 4 foot apart in the row.

HYBRID VARIETIES

Blackini. A very attractive Black Zucchini type squash. This true F-1 hybrid yields earlier, is more productive, and has a wider range of adaptability than the open-pollinated Black Zucchini. The plants are compact and very vigorous.
oz., **85c;** ¼ oz., **$2.50;** lb., **$7.50.**

Greyzini. (All America Bronze Medal 1962). A very productive Grey Zucchini bush type F-1 hybrid. The fruits are more slender, slightly longer, are produced a week earlier and remain bearing several weeks longer than Grey Zucchini.
oz., **$1.00;** ¼ oz., **$3.00;** lb., **$9.00.**

Hercules. (All America Bronze Medal 1962). A true F-1 hybrid of the vining Butternut variety. The fruits of this hybrid are more uniform than regular Butternut and have the same excellent cooking qualities.
oz., **95c;** ¼ lb., **$2.00;** lb., **$6.00.**

Saticoy Hybrid. A golden yellow Crookneck type with fruits nearly smooth and free of warts. Bushes are quite compact allowing closer planting and fruits are ready 5 to 7 days earlier than Yellow Summer Crookneck. Very productive.
oz., **85c;** ¼ lb., **$2.50;** lb., **$7.50.**

Standard Varieties

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Banana (Blue)	$0.30	$0.75	$2.20	$2.00
Buttercup	.45	1.35	4.00	3.80
Butternut	.45	1.35	4.00	3.80
Caserta	.30	.85	2.50	2.30
Cocozelle	.30	.65	1.95	1.75
Crookneck, Giant	.30	.55	1.75	1.55
Crookneck Yellow Summer	.30	.55	1.75	1.55
Des Moines Jumbo, Royal Acorn	.30	.65	1.90	1.70
Des Moines Table Queen, Acorn	.30	.65	1.90	1.70
Hubbard Blue Special	.30	1.00	3.00	2.80
Hubbard Chicago Warted	.30	.80	2.35	2.00
Hubbard, Golden	.30	.80	2.35	2.00
Hubbard Improved	.30	.80	2.35	2.00
Straightneck, Early Prolific	.30	.60	1.75	1.55
Warren Turban	.35	1.15	3.50	3.30
White Bush Scallop Mammoth	.30	.65	1.90	1.70
Zucca Pergola	.35	1.05	3.20	3.00
Zucchini-Black Vegetable Marrow	.30	.65	1.90	1.70
Zucchini-Gray Vegetable Marrow	.30	.65	1.90	1.70
Zucchini-Black Beauty	.30	.90	2.60	2.40

TOBACCO

An ounce of seed will produce 20,000 plants. About ½ lb. will produce enough plants for one acre.

	½ oz.	Oz.	¼ lb.	1 lb.
Connecticut Seed Leaf	$0.50	$0.85	$2.50	$7.50
White Burley	.60	1.10	3.35	10.00

RUTABAGA OR SWEDE

Seed requirements same as for Turnip. Should be blocked and thinned 12 inches apart in the row.

	¼	1 lb.	5 lbs. per lb.
Laurentian	$0.35	$1.05	$0.90
American Purple Top Improved	.35	1.05	.90

TURNIP

For bunching 1-1½ lbs. of seed are planted per acre in rows 18 inches apart. Broadcast 2-2½ lbs. per acre. One ounce will plant 250 foot of row.

Hybrid Variety

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Just Right	$0.60	$1.75	$5.00	$4.75

Standard Varieties

	¼ lb.	1 lb.	5 lbs. per lb.
Amber or Yellow Globe	$0.35	$1.00	$0.85
Early Extra Purple Top Milan	.35	1.05	.90
Early White Milan. Earliest of all	.35	1.05	.90
Cowhorn	.35	1.00	.85
Purple Top Strap Leaf	.35	1.05	.90
Purple Top White Globe	.35	1.00	.85
Seven Top	.35	1.00	.85
Shogoin or Foliage Turnip	.35	1.00	.85
Snowball	.35	1.05	.90

WATERMELON

One ounce of seed will plant 25 hills. 2-3 lbs. of seed is required to plant an acre in hills in rows 6 foot apart and 4 foot apart in the rows.

Hybrid Varieties

	⅛ oz.	¼ oz.	½ oz.	Oz.
Dixie Queen Hybrid	—	$0.85	$1.50	$2.50	$4.50
Tri-X-317 Seedless	2.00	3.50	6.50	12.50	22.50

Standard Varieties

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Black Lee Resistant	$0.30	$0.75	$2.15	$2.00
Charleston Gray	.30	.80	2.40	2.25
Citron	.30	.85	2.50	2.35
Cole's Early or Harris Early	.30	.75	2.25	2.10
Congo	.30	.75	2.25	2.10
Dixie Queen	.30	.85	2.55	2.40
Florida Giant (Black Diamond)	.30	.75	2.25	2.10
Golden Honey	.30	.80	2.40	2.25
Icebox	.30	.75	2.25	2.10
Kleckley's Sweet No. 6	.30	.75	2.25	2.10
Klondyke	.30	.80	2.35	2.20
New Hampshire Midget	.30	.85	2.50	2.35
Rhode Island Red	.30	.85	2.50	2.35
Stone-Mountain Resistant No. 5	.30	.65	2.00	1.85
Sugar Baby	.30	.85	2.50	2.35
Sweetheart	.30	.70	2.10	1.95
Tom Watson	.30	.60	1.80	1.65
Winter. King and Queen	.30	.65	2.00	1.85

Exceptionally Fine Selection

GREENHOUSE FORCING VARIETIES

Tuckcross O. The largest red fruited variety we've seen suitable for forcing. Fruits set well under adverse conditions. Plants are very productive and quite disease resistant. 1/16 oz., **$3.00;** 1/8 oz., **$5.50;** 1/4 oz., **$9.50;** 1/2 oz., **$18.50;** oz., **$35.00.**

Tuckcross W. A very productive red fruited variety used because it is relatively free from cracking, blotchy-ripening and catfacing. Sets well under adverse conditions. 1/16 oz., **$3.00;** 1/8 oz., **$5.50;** 1/4 oz., **$9.50;** 1/2 oz., **$18.50;** oz., **$35.00.**

M-O Hybrid. All reports indicate that this cross between Michigan State forcing and Ohio WR-3 is one of the surest croppers for forcing. It's worth a try. 1/16 oz., **$3.00;** 1/8 oz., **$5.50;** 1/4 oz., **$9.50;** 1/2 oz., **$18.50;** oz., **$35.00.**

Michigan State Forcing. A red fruited disease resistant strain that performs exceptionally well in cloudy weather. Fruits are about 5 ounces and maintain size well throughout the season. 1/8 oz., **$1.50;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$8.50.**

TOMATO MICHIGAN STATE FORCING

Waltham Forcing. A red fruited variety suitable for fall or spring forcing. Selected because it maintains fruit size well past the 4th hand. 1/8 oz., **85c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.75;** oz., **$5.00.**

Ohio WR-3. A pink fruited very smooth flattened globe variety developed by Ohio State Experiment Station for spring forcing. Fruit size excellent and disease resistance good. 1/8 oz. **$1.50;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$8.50.**

Ohio WR-7. A very smooth fruited flattened globe variety developed by Ohio State Experiment Station for fall forcing. 1/8 oz., **$1.50;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$8.50.**

Approximately 9000 seeds per ounce. Sow seed 6-8 weeks before offering plants for sale. Transplant 14-21 days after seeding.

Hybrid tomatoes grown and sold in peat pots are very profitable. Selling any variety of tomato in peat pots leads to your customers satisfaction. Roots grow right through the walls; and, unless completely dried out before your customer plants pot and all, they start growing as though they'd never been transplanted.

HYBRID TOMATOES

Instant Glamor

Early Giant Hybrid. 68 days. See page 48 for color picture. This is by far the earliest of any variety with giant sized fruits (up to 12 ounces per fruit). Smooth slightly flattened globe shaped scarlet fruits. Vines strong and very prolific, 1/16 oz., **$2.50;** 1/8 oz., **$4.50;** 1/4 oz., **$8.50;** 1/2 oz., **$16.00;** oz., **$30.00;** 1/4 lb., **$90.00.**

Vaughan's Hybrid. 80 days. A midseason red fruited variety. Very productive. Fruits somewhat flattened, smooth with excellent flavor. Considered to be an excellent hybrid of Rutgers type. 1/8 oz., **$1.65;** 1/4 oz., **$3.00;** 1/2 oz., **$5.50;** oz., **$10.00;** 1/4 lb., **$30.00.**

Super Collosal. 85 days. The largest fruited variety in our trials for the past two years. The fruits are flat somewhat rough but larger and smoother than Beefsteak and red. Ripens in season with Burpees Big Boy but larger fruits. 1/16 oz., **$2.50;** 1/8 oz., **$4.50;** 1/4 oz., **$8.50;** 1/2 oz., **$16.00;** oz., **$30.00.**

Vaughan's Early Hybrid. 68 days. A very fine early hybrid tomato adapted to either market or home gardening. Fruits are large (6-7 ounces) bright red and borne in great numbers. The variety shows all the true vigor of a true F-1 hybrid. 1/8 oz., **$1.65;** 1/4 oz., **$3.00;** 1/2 oz., **$5.50;** oz., **$10.00;** 1/4 lb., **$30.00.**

Instant Glamor

Burpees Big Boy.® 85 days. Another hybrid with large (up to 12 ounces) smooth bright red fruits. Plants very vigorous and covered with heavy foliage. At least 10 days to 2 weeks later than Early Giant. 1/16 oz., **$2.50;** 1/8 oz., **$4.50;** 1/4 oz., **$8.50;** 1/2 oz., **$16.00;** oz., **$30.00;** 1/4 lb., **$98.00.**

Wonder Boy. 80 days. Large 12 oz. fruits almost globe shaped are borne on very vigorous vines and are well protected by heavy foliage. As a late variety bearing smooth excellent flavored scarlet red fruits it's hard to beat. 1/16 oz., **$2.50;** 1/8 oz., **$4.50;** 1/4 oz., **$8.50;** 1/2 oz., **$16.00;** oz., **$30.00;** 1/4 lb., **$90.00.**

NOVELTY VARIETIES

Instant Glamor

Tiny Tim. 45 days. Plants not over 12 inches (usually 8-10) tall or 12 inches in diameter. Fruits about 1 inch round, bright red and very colorful on the vines. Decorative and very flavorful. 1/2 oz., **$1.75;** oz., **$3.35;** 1/4 lb., **$10.00;** lb., **$30.00.**

Caro-Red. 85 days. Developed by Purdue University for extremely high Vitamin A content. Fruits yellow, a little mealy but with lots of vitamin A. 1/2 oz., **$1.00;** oz., **$1.85;** 1/4 lb., **$5.50;** 1 lb., **$16.50.**

Jubilee. 80 days. The yellow skinned fruits are large smooth globes, borne on vigorous vines which can be staked and pruned. 1/2 oz., **65c;** oz., **$1.20;** 1/4 lb., **$3.60;** 1 lb., **$10.75.**

Ponderosa Yellow. 95 days. Same as regular, only color yellow. 1/2 oz., **85c;** oz., **$1.55;** 1/4 lb., **$4.60;** 1 lb., **$13.75.**

Italian Canner. A thick meated 2 celled red variety; fruits about 2-2 1/2 inches long and 1 inch in diameter. Excellent for tomato paste or green pickling. 1/2 oz., **90c;** oz., **$1.70;** 1/4 lb., **$5.00;** lb., **$15.00.**

White Beauty. Purely a novelty—fruits shaped like Rutgers only white interior and exterior when ripe. 1/2 oz., **90c;** oz., **$1.70;** 1/4 lb., **$5.00;** lb., **$15.00.**

Small Fruited Varieties. All 70 days. Available are **Red** and **Yellow Cherry, Red** and **Yellow Plum, Red** and **Yellow Pear, Yellow Peach** and **Ground Cherry.** All priced as follows: 1/4 oz., **45c;** 1/2 oz., **80c;** oz., **$1.45;** 1/4 lb., **$4.35.**

TOMATO TINY TIM

Of Tomatoes For All Purposes

STANDARD VARIETIES

Bonny Best, John Baer. 70 days. A second early variety, with flattened globe shaped fruits. Vines are medium size. Used for home and market gardening. ½ oz., **55c;** oz., **95c;** ¼ lb., **$2.90;** 1 lb., **$8.75.**

Bounty, Victor. 65 days. Plants small size, very prolific. Fruits medium large, round to globe shape, pale green in the early stage turning to a very rich red throughout, coloring well on the inside. An excellent home garden type. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.25;** 1 lb., **$8.75.**

Break O'Day. 70 days. Open, spreading growth, prolific, fruit red, medium size, globe shaped, smooth. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

Crimson Cushion (Beefsteak) (Red Ponderosa). 96 days. A red fruited Ponderossa type. Fruits large, flat, roughened, with small seed cavities.

Dwarf Stone. 92 days. Tree form, short compact, fruit red, medium large flat, bright color, solid. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

Earliana. 66 days. Plant open spreading, finely cut leaves, fruit red flattened, medium size, fairly smooth, the first early general purpose tomato. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

★**Fireball.** 60 days. A small vined extra early variety with very little foliage so it should be planted about 12-14 inches apart in 3-foot rows. Fruits globe shaped medium sized (5 ounces), red. ½ oz., **$1.00;** oz., **$1.90;** ¼ lb., **$5.75;** 1 lb., **$17.25.**

Firesteel. 68 days. Medium small vine, adapted to drouth conditions and sure cropper, fruit red, medium size, medium green turning to deep red, smooth and free from cracks. ½ oz., **70c;** oz., **$1.20;** ¼ lb., **$3.60;** 1 lb., **$10.75.**

Garden State. 83 days. Very prolific, bearing deep scarlet red fruit that are extra smooth and solid. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

Giant Tree. 88 days. This almost should be classed as a novelty. Actually a very fine selection of Italian Potato Leaved. Vines very strong thick stemmed and vigorous. Fruits large (up to 16 ounces) fairly smooth, pink, low in acid. ½ oz., **$2.10;** oz., **$4.00;** ¼ lb., **$12.00;** lb., **$35.00.**

★**Glamour.** 80 days. Crack resistance is the outstanding characteristic of this variety. Fruits are almost globe shaped, red when fully ripe, but ripen slowly. ½ oz., **70c;** oz., **$1.30;** ¼ lb., **$3.85;** 1 lb., **$11.50.**

Homestead #24. 85 days. A very productive variety with thick walled firm fruits excellent for both green wrap and vine ripe shipping. Fruit size about like Rutgers and holds well all season. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.25;** 1 lb., **$9.75.**

Hystep F-2. 60 days. The best second generation hybrid we've had in our trials. Crack resistant, early, productive. Vines small but enough leaf cover to protect fruits from sunscald. ½ oz., **$1.45;** oz., **$2.80;** ¼ lb., **$8.35;** lb., **$25.00.**

Manalee. 77 days. An early red disease resistant red from Gulf Coast Experiment Station. ½ oz., **55c;** oz., **95c;** ¼ lb., **$2.90;** 1 lb., **$8.75.**

Manalucie. 82 days. A fine disease resistant variety bred by Dr. James M. Walter and David G. A. Kelbert of the Gulf Coast Experiment Station in Bradenton, Florida. Manalucie is resistant to early blight, blossom-end rot, cracking, wilt and other diseases. ½ oz., **65c;** oz., **$1.20;** ¼ lb., **$3.60;** 1 lb., **$10.75.**

★**Marglobe.** 77 days. Plant vigorous, heavy foliage, resistant to blight, fruit red, medium large semi-globe, smooth, solid. ½ oz., **55c;** oz., **95c;** ¼ lb., **$2.90;** 1 lb., **$8.75.**

Oxheart. 90 days. Heavy coarse plant, with large fruits heart shape, pink, solid with few seeds. ½ oz., **$1.00;** oz., **$1.85;** ¼ lb., **$5.50;** 1 lb., **$16.50.**

★**Pink Shipper.** 77 days. The best we've seen in the June Pink, Gulf State Market class. It still cracks easily but not as bad as others. ½ oz., **70c;** oz., **$1.30;** ¼ lb., **$3.85;** 1 lb., **$11.50.**

Ponderosa Pink. 95 days. Large flat, roughened, small seed cells. ½ oz., **75c;** oz., **$1.35;** ¼ lb., **$4.00;** 1 lb., **$12.00.**

Pritchard (Scarlet Topper). 76 days. Self topping, resistant to fusarium and nail head, fruit red with thick walls semi-globe. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

Queens. 79 days. The result of a cross between Valiant and Rutgers. Fruits are smooth and of deep globe shape. The peak of the crop is harvested about a week earlier than Rutgers. ½ oz., **60c;** oz., **$1.05;** ¼ lb., **$3.20;** 1 lb., **$9.65.**

Richmeat. 90 days. A large fruited Henderson variety with extremely vigorous vine growth. Flesh a little mealy and non-acid but heavily loaded with vitamins. ¼ oz., **80c;** ½ oz., **$1.45;** oz., **$2.80;** ¼ lb., **$8.35;** 1 lb., **$25.00.**

TOMATO RUTGERS

★**Rutgers.** 85 days. Probably the most popular of all the standard open pollinated varieties of tomato. Plants are large with thick strong stems. Fruits red, slightly flattened globe shaped, with thick walls and excellent interior color. ½ oz., **55c;** oz., **95c;** ¼ lb., **$2.90;** lb., **$8.75.**

Sioux. 70 days. Uniform Red. Early maturing plants determinate. Fruits Scarlet Medium large flattened globe with thick sidewalls. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

Stokesdale. 73 days. Medium size vine but prolific, fruit red, globe shape, good walls, good canner type. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

Stone Improved. 85 days. Plants are large and the fruit a deep scarlet red. ½ oz., **60c;** oz., **$1.05;** ¼ lb., **$3.15;** 1 lb., **$9.50.**

Valiant. 70 days. A deep Marglobe type of tomato, having large, smooth, red fruits, with few seeds and firm solid flesh. Excellent for home or market garden. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

Winsall. 90 days. A Henderson selection of Ponderosa Pink. Earlier and with much smoother pink fruits. We think the flavor is better. ¼ oz., **80c;** ½ oz., **$1.45;** oz., **$2.80;** ¼ lb., **$8.35;** 1 lb., **$25.00.**

Wiltmaster. 86 days. A new variety with great resistance to wilt bred by the Delaware Exp. Sta. The fruit are similar in type to Rutgers. ½ oz., **75c;** oz., **$1.40;** ¼ lb., **$4.10;** 1 lb., **$12.50.**

Wisconsin No. 55. 83 days. It is larger and earlier than Rutgers with no shoulder cracks and practically no blossom end rot. Ripens evenly and stands shipping very well. ½ oz., **65c;** oz., **$1.20;** ¼ lb., **$3.60;** 1 lb., **$10.75.**

Beans • Sweet Corn • Peas

Vaughan's pride themselves on offering one of the most complete listings of beans, peas and corn. Write for net quantity prices F.O.B. either western growing stations or eastern warehouses.

BEANS

One pound seeds 150 foot of row. 60-75 pounds per acre. Distance between rows should be 24 to 28 in., while in the row they may be as close as 4 to 6 in. Planting should not be made till the ground has warmed and all danger of frost is over. Pole beans are seeded at ½ lb. for 150 foot of row and 35 lbs. per acre.

Green Pod Bush Varieties

	1 lb.	5 lbs. per lb.	25 lbs. per lb.	100 lbs. per lb.
Black Valentine Stringless	$0.65	$0.55	$0.45	$0.32
Bountiful Stringless	.65	.55	.45	.32
Commodore	.80	.70	.60	.50
Contender	.65	.55	.45	.32
Dwarf Horticultural	.75	.65	.55	.45
Executive	1.00	.90	.80	.70
French Horticultural	.80	.70	.60	.50
Giant Stringless	.65	.55	.45	.32
Harvester	.70	.60	.50	.40
Landreths Stringless	.60	.50	.40	.30
Seminole	.70	.60	.50	.37
Streamliner	.85	.75	.65	.55
Tendercrop	.85	.75	.65	.55
Tendergreen	.65	.55	.45	.35
Topcrop	.65	.55	.45	.35
Wade	.70	.60	.50	.40
White ½ Runner	.65	.55	.45	.35

Wax Pod Bush Varieties

Cherokee Wax	$0.65	$0.55	$0.45	$0.33
Choctaw Wax	.70	.60	.50	.40
Golden Wax (Top Notch)	.75	.65	.55	.42
Kinghorn Wax	.75	.65	.55	.42
Pencil Pod Black Wax	.65	.55	.45	.35
Sure Crop Bountiful Wax	.65	.55	.45	.35

Bush Lima Varieties

Baby Fordhook	$0.75	$0.65	$0.55	$0.45
Burpee's Improved Bush Lima	.75	.65	.55	.42
Cangreen	.60	.50	.40	.28
Fordhook 242	.70	.60	.50	.37
Fordhook Bush Lima	.70	.60	.50	.37
Henderson Baby Lima	.60	.50	.40	.28
Jackson Wonder	.60	.50	.40	.28
Triumph	.75	.65	.55	.45

Pole Lima Varieties

	1 lb	5 lbs. per lb.	25 lbs. per lb	100 lbs. per lb.
King of the Garden	$0.70	$0.60	$0.50	$0.40
Large Speckled (Xmas)	.70	.60	.50	.40

Field Varieties

Broad Windsor Long Pod	$0.70	$0.60	$0.50	$0.37
Great Northern	.60	.50	.40	.30
Michigan Navy, Michelite	.65	.55	.45	.35
Red Kidney	.75	.65	.55	.42
White Kidney	.75	.65	.55	.42

Pole Varieties

Blue Coco	$0.90	$0.80	$0.70	$0.57
Kentucky Wonder or Old Homestead	.65	.55	.45	.35
Kentucky Wonder Wax	.90	.80	.70	.57
Kentucky Wonder White Seed	.70	.60	.50	.37
London Horticultural (Cranberry)	.90	.80	.70	.60
Missouri Wonder	.70	.60	.50	.40
Scarlet Runner	.80	.70	.60	.50
Yardlong	1.20	1.10	1.00	.90

Edible Soybean

Bansei	$0.70	$0.60	$0.50	$0.40

SWEET CORN

Plant 10-12 lbs. per acre in rows 30-36 inches apart. Wait until the ground warms up for planting. 3-4 ounces will plant 100 foot of row.

	1 lb.	5 lbs. per lb.	25 lbs. per lb.	100 lbs. per lb.
Aunt Mary's (83 days)	$1.05	$0.95	$0.85	$0.75
Black Mexican (85 days)	.70	.60	.50	.40
Bantam Evergreen (90 days)	.65	.55	.45	.36
Country Gentleman (95 days)	.65	.55	.45	.35
Early Evergreen (90 days)	.65	.55	.45	.35
Extra Early Bantam 8 Row (80 days)	.65	.55	.45	.35
Golden Bantam 8 Row (83 days)	.65	.55	.45	.35
Golden Bantam 12 Row (85 days)	.65	.55	.45	.35
Golden 60 Day (68 days)	.65	.55	.45	.35
Golden Midget (45 days)	.75	.65	.55	.43
Stowell's Evergreen (95 days)	.65	.55	.45	.35

Hybrid Varieties

Bouquet (75 days)	$1.00	$0.90	$0.80	$0.70
Carmelcross Improved (75 days)	.80	.70	.60	.50
Country Gentleman Hybrid (99 days)	1.10	1.00	.90	.80
Golden Beauty (70 days)	.85	.75	.65	.55
Golden Cross Bantam (79 days)	.80	.70	.60	.46
Golden Rocket (65 days)	.85	.75	.65	.55
Gold Strike (83 days)	.90	.80	.70	.57
Honey (80 days)	.90	.80	.70	.57
Ioana (81 days)	.75	.65	.55	.42
Iochief (83 days)	.90	.80	.70	.62
Marcross 39 (68 days)	.80	.70	.60	.46
Miniature (68 days)	.90	.80	.70	.57
Morning Sun (65 days)	.85	.75	.65	.55
Our Choice (68 days)	.80	.70	.60	.49
Stowells Hybrid (95 days)	.90	.80	.70	.58
Sunglow (65 days)	1.20	1.10	1.00	.90
Surprise (64 days)	.80	.70	.60	.49

POP CORN

Pop corn seed is planted at about the same distance as sweet corn but because the seeds are smaller only 7-8 lbs. is required per acre.

	1 lb.	5 lbs. per lb.	25 lbs. per lb.	100 lbs. per lb.
Jap Hulless	$0.65	$0.55	$0.45	$0.32
Illinois Hulless	.70	.60	.50	.40
Minnhybrid 250	1.05	.95	.85	.72
Purdue Hybrid 31	.90	.80	.70	.57
South American	.65	.55	.45	.32

PEAS

They require cool weather to do their best. One lb. will seed 100 foot of row. 100-120 lbs. will seed an acre.

Standard Varieties

	1 lb.	5 lbs. per lb.	25 lbs. per lb.	100 lbs. per lb.
Alaska	$0.50	$0.40	$0.30	$0.20
Alderman (Improved Telephone)	.60	.50	.40	.29
American Wonder	.60	.50	.40	.29
Dwarf Gray Sugar	.60	.50	.40	.29
Dwarf Telephone	.60	.50	.40	.29
Giant Stride	.60	.50	.40	.30
Gradus or World's Record	.60	.50	.40	.30
Laxton's Progress (Hundredfold, Laxtonian)	.60	.50	.40	.29
Laxton's Superb	.60	.50	.40	.29
Lincoln	.60	.50	.40	.29
Little Marvel	.60	.50	.40	.29
Nott's Excelsior (Premium Gem)	.60	.50	.40	.29
Thomas Laxton	.55	.45	.35	.25
Wando (Heat resistant)	.60	.50	.40	.29

Field Varieties

California Blackeye	$0.60	$0.50	$0.40	$0.26

NOW! Master Blend® Merion Formula at Lower Prices Than Ever!

The popularity of Master Blend® Lawns in the northern part of America has reached an all-time high. Homeowners and turf experts alike attest to its all-around superiority. And here's why they swear by it:

Using over 50% Merion Blue Grass as a base, Vaughan's has developed a mixture which germinates quickly, maintains an excellent color all year round and grows in sun, or light shade and in any soil: rich, sandy or clay. Vaughan's has done this by blending the best of the latest grasses developed by turf breeders:

Delta Kentucky Blue Grass discovered in Canada. Adds quick germination to Master Blend.

Pennlawn Red Fescue, a variety ideal for shade, quick germination and sandy soil.

Newport Kentucky Blue Grass germinates quickly, blends well with Merion and maintains excellent fall color.

This blend formulated by Vaughan's, the introducers of Merion, is designed to make it possible for the average homeowner to grow America's finest lawn with ease. All of Vaughan's tests have shown that this new blend produces a lawn faster, with less work and with more complete satisfaction than was possible with Merion alone. This conclusion has been reinforced by leading universities.

That's why Vaughan's unhesitatingly recommend Master Blend Merion Formula for your customers. Considering the work, cost of other materials and time involved in making a new lawn or re-seeding, the greatest economy a homeowner can make is to use the best seed available. All-perennial Master Blend® fills this bill. Unlike cheap mixtures which never really look right and which need re-seeding each year, this blend improves in appearance each year, adding beauty and value to the home.

And, amazingly, one pound of Master Blend® covering about 750 sq. ft. goes as far as 2 to 3 lbs. of the best Kentucky blue grass. So there is actually an initial saving, too.

MASTER BLEND® MERION FORMULA

Contains over 1,250,000 seeds of pure Merion strain of Kentucky Blue Grass plus Pennlawn Creeping Red Fescue, Delta Ky. Blue Grass and Newport Ky. Blue Grass. Our seed does not contain any Poa Annua or Bent.

	Retail	Packed	Cost
1 lb. ctns.	$ 1.49	Case 25/1 lb.	$22.50
3 lb. ctns.	4.35	Case 16/3 lb.	41.76
5 lb. bag	7.00	Bale 10/5 lb.	42.50
10 lb. bag	13.50	Bale 2/10 lb.	16.60
25 lb. bag	32.50	Bag 1/25 lb.	22.75
50 lb. bag	62.50	Bag 1/50 lb.	40.50
100 lb. bag	120.00	Bag 1/100 lb.	79.00

Broken Cases 2c per lb. higher

Produces thicker turf, stays greener all summer and stands closest mowing. 1 lb. covers 750 sq. ft., 3 times as much as standard blue grass mixtures, thus being no more expensive to sow an equal area.

MERION STRAIGHT
(Free of Poa Annua and Bent)

	Retail	Packed	Cost
1 lb. ctns.	$ 1.59	Case 25/1 lb.	$23.75
3 lb. ctns.	4.65	Case 16/3 lb.	43.20
5 lb. bag	7.50	Bale 10/5 lb.	43.50
10 lb. bag	14.50	Bale 2/10 lb.	17.00
25 lb. bag	35.00	Bag 1/25 lb.	20.50
50 lb. bag	67.50	Bag 1/50 lb.	40.50
100 lb. bag	130.00	Bag 1/100 lb.	80.00

Broken cases 2c per lb. higher

Merion Straight with Poa Annua or Bent approximately 10c per lb. lower—ask for prices.

SPECIAL LAWN MIXTURES

If interested in cheaper mixtures or formulas other than we list let us know and we will be glad to quote.

VAUGHAN'S PARKS FORMULA
(Now Contains Delta Ky. Blue Grass, Merion Ky. Blue and Arboretum Ky. Blue Grass)

	Retail Price	Packed	Cost
1 lb. ctn.	$ 1.15	Case 25/1 lb.	$17.25
3 lb. ctn.	3.30	Case 16/3 lb.	31.68
5 lb. bag	5.25	Bale 10/5 lb.	32.00
10 lb. bag	10.00	Bale 2/10 lb.	12.40
25 lb. bag	23.75	Bag 1/25 lb.	15.25
50 lb. bag	45.00	Bag 1/50 lb.	30.00
100 lb. bag	85.00	Bag 1/100 lb.	59.00

VAUGHAN'S COLUMBIAN (SHADYPLACE FORMULA)
Especially Adapted for Medium Shade and Sandy Soils

1 lb. ctn.	$ 1.00	Case 25/1 lb.	$15.00
3 lb. ctn.	2.85	Case 16/3 lb.	27.36
5 lb. bag	4.50	Bale 10/5 lb.	27.50
10 lb. bag	8.50	Bale 2/10 lb.	10.60
25 lb. bag	20.00	Bag 1/25 lb.	13.00
50 lb. bag	37.50	Bag 1/50 lb.	25.50
100 lb. bag	70.00	Bag 1/100 lb.	50.00

VAUGHAN'S DENSE SHADE FORMULA

Composed of grasses most suited for growing in heavily shaded situations. Is also satisfactory in moderate shade. This is an exceptionally fine shade mixture and now includes the splendid new creeping red fescue. Grass grown in the shade requires extra care. Ask for Lawn Grass pamphlet for directions.

1 lb. ctn.	$ 1.00	Case 25/1 lb.	$15.00
3 lb. ctn.	2.85	Case 16/3 lb.	27.36
5 lb. bag	4.50	Bale 10/5 lb.	27.50
10 lb. bag	8.50	Bale 2/10 lb.	10.60
25 lb. bag	20.00	Bag 1/25 lb.	13.00
50 lb. bag	37.50	Bag 1/50 lb.	25.50
100 lb. bag	70.00	Bag 1/100 lb.	50.00

VAUGHAN'S VALU-BLEND LAWN MIXTURE
A Good Mixture for Quick Results

1 lb. ctn.	$ 0.75	Case 25/1 lb.	$11.75
3 lb. ctn.	2.15	Case 16/3 lb.	21.12
5 lb. bag	3.25	Bale 10/5 lb.	21.00
10 lb. bag	6.30	Bale 2/10 lb.	8.00
25 lb. bag	16.25	Bag 1/25 lb.	9.75
50 lb. bag	30.00	Bag 1/50 lb.	19.00
100 lb. bag	55.00	Bag 1/100 lb.	37.00

Broken Cases on all Mixtures 2c per lb. Higher

FANCY GRASSES

Orders Booked at the Lowest Price on Day Received

We carry a full line of native imported grass seeds and would be pleased to have your inquiries. We can quote to advantage. We buy direct from growers.

	1 to 5 Bags	5 to 10 Bags
KENTUCKY BLUE GRASS—Standard 80%	$34.00	$33.00
Fancy—85%	36.00	35.00
Extra Fancy—90%	38.00	37.00
Refined—98% Row Crop Grown (Best buy)	41.00	40.00
DELTA STRAIN OF KENTUCKY BLUE GRASS	45.00	44.00
MERION STRAIN OF KENTUCKY BLUE GRASS	80.00	79.00
NEWPORT STRAIN OF KENTUCKY BLUE	45.00	44.00
PARK STRAIN OF KENTUCKY BLUE	50.00	49.00
ARBORETUMSTRAINOF KENTUCKYBLUE	50.00	49.00
RED TOP—Fancy—Purity 92%	32.00	31.00
Extra Fancy—Purity 95%	34.00	33.00
Refined—Purity 97% to 98%	36.00	35.00
CLOVER—White Dutch, Fancy	70.00	69.00
RYE GRASS—Domestic	9.00	8.50
RYE GRASS—Perennial	9.50	9.00
CHEWINGS FESCUE	21.00	20.00
DOMESTIC CREEPING RED FESCUE	22.00	21.00
CANADIAN CREEPING RED FESCUE	20.00	19.00
PENN LAWN CREEPING FESCUE	27.00	26.00
ILLAHEE FESCUE	26.00	25.00
ASTORIA BENT—Blue Tag	130.00	129.00
SEASIDE BENT—Blue Tag	160.00	
HIGHLAND BENT	37.00	36.00
PENNCROSS BENT	550.00	
ALTA FESCUE OR KY 31	27.00	26.00
POA TRIVIALIS	35.00	34.00
LARGE SUNFLOWER	19.00	18.00
SMALL SUNFLOWER	13.00	12.50
WILD BIRD SEED	8.00	7.50

WE DELIVER OR PREPAY orders for Grass Seed, Supplies, and VAUGHAN'S BRANDS of Fertilizers amounting to $45.00 or more, within 30 miles of our nearest warehouse.

WE DELIVER OR PREPAY Grass Seed, Bulk Vegetable Seed, Supplies and VAUGHAN'S Brand of Fertilizers amounting to $100.00 or more within 100 miles of our nearest warehouse, and to further points at the rate of $1.00's worth of merchandise per mile.

As an example: We will prepay $150.00 worth of merchandise to 150 miles, $200.00 worth of merchandise to 200 miles, and at $1.00 worth of merchandise per mile up to $500.00 worth of merchandise to 500 miles.

Due to unsettled conditions at the time this goes to press, prices are only approximate and subject to change.

Ask for quotations on grasses not listed.

Vaughan's Western Grown

If You Know Roses, You'll Recognize

How You Benefit By Buying Vaughan's Western Grown Roses:

Quality is what you want and need in Western-Grown roses. You get it in Vaughan's Roses because they are:

- Carefully Grown, including proper spraying, irrigation, and fertilizing.
- Completely Ripened. Dug only when ripe, never before.
- Expertly Graded to protect you.
- Properly Stored to retain quality.
- Painstakingly Packed and Shipped using the most modern methods.
- Proven Best by Test. Every variety has been grown for at least 2 and many up to 10 years in Vaughan's Trials.

PRICES—Prices are net, f.o.b. our warehouse Ovid, Michigan; Chicago, Ill.; or New York City. Shipments may be made via express from anyone of the three locations with express charges equalized to the nearest shipping point at our option. Orders for 300 or more non-patented roses will be extended at the 1000 rate. Prices on patented roses are determined individually for each variety according to quantity purchased. Boxing and packing of bare root roses extra at cost. No charges for boxing and packing packaged roses.

CLAIMS for damage, shortage, variance in grade, or for any other reason must reach us within 5 days after shipment has been received. Because of the perishable nature of rose bushes, we cannot entertain complaints after this period.

STANDARD VARIETIES

HYBRID TEAS

RED

Charlotte Armstrong
Crimson Glory
Etoile de Hollande
Girona
Karl Herbst
Mirandy
Poinsettia
Red Radiance

PINK

Editor McFarland
K. T. Marshall
Picture
Pink Dawn
Radiance
The Doctor

YELLOW

Eclipse
Golden Rapture
Lowell Thomas
McGredy's Yellow
Mrs. P. S. DuPont
Sister Therese

WHITE

Blanch Mallerin
Frau Karl Druschki
K. A. Victoria
McGredy's Ivory
Rex Anderson

BICOLOR

Condesa de Sastago
Countess Vandal
McGredy's Sunset
Peace
President Hoover
Talisman

FLORIBUNDAS

RED

Eutin
Floradora
Garnette
Improved Lafayette
World's Fair

PINK

Betty Prior
Else Poulsen
Pinocchio
Rose Elfe

WHITE

Dagmar Spaeth

BICOLOR

Rochester

CLIMBERS

RED

Blaze
New Blaze
Pauls Scarlet

PINK

Dr. J. H. Nicolas
New Dawn

WHITE

White Dawn

YELLOW

Doubloons

PRICES OF STANDARD VARIETIES

BARE ROOT

All bare root roses are sold in units of 10 of a variety and grade. Orders must be in multiples of 10. Orders for 300 or more of non-patented or standard varieties are priced at the 1000 rate. Boxes and packing extra at cost.

	Per 10	Per 100	Per 1000
No. 1 Grade	6.50	60.00	500.00
No. 1½ Grade	5.25	47.50	425.00

VAUGHAN'S PACKAGES

Available in AAN grade No. 1 or better. Golden packages with 4 color picture of the flower.

Case Identification

R-1 25-No. 1 grade or better, fast-selling, non-patented varieties; assorted by color for popular demand. Usually 7 red, 5 pink, 3 white, 4 yellow, 4 two-tone, 2 climbers. Varieties subject to change.
Cost: Case of 25—$18.00

R-C 25-No. 1 grade or better non-patented roses. Minimum 5 bushes of a variety, your selection of varieties. See available varieties listed above.
Cost: Case of 25—$18.00

Rose Bushes Bare Root, or Packaged

these as The Finest You Can Buy

PATENTED VARIETIES

CHICAGO PEACE

Plant Patent No. 2037

We consider this a "must" variety. It is a true "color sport" of Peace identical in every respect as to plant, habit, foliage, buds, and flower excepting in flower color. The color is a reverse of Peace color; in the flower where Peace color is yellow, Chicago Peace is pink, and where Peace is pink the color in Chicago Peace is yellow. Over the years we've seen several sports of Peace, none of them good enough—but **this one is it**—the one we've been looking for!!

PATENTED HYBRID TEAS

Minimum Retail Price	Variety & Description	No. 1 Wholesale Price (Bare root) 10 Each	20-90 Each	100 up Each
$3.00	**Arlene Francis** (#1684). Yellow.....	$1.65	$1.50	$1.40
2.75	**Aztec** (#1648). Orange-scarlet.....	1.50	1.38	1.30
3.00	**Chicago Peace** (#2037) Spectacular pink and gold bicolor.....	1.65	1.50	1.40
3.50	**Christian Dior AARS 1962.** (#1943). Bright crimson red.....	1.90	1.75	1.65
2.50	**Chrysler Imperial** (#1167). Red.....	1.40	1.25	1.20
3.50	**Coronado** (PPAF). Red & Yellow Bicolor	1.90	1.75	1.65
3.00	**Duet. AARS 1961.** (#1903). Bicolor salmon-pink to crimson.....	1.65	1.50	1.40
2.50	**Forty-Niner.** (#792) Bicolor.....	1.40	1.25	1.20
3.00	**Garden Party AARS 1960** (#1814). Ivory tinted pink.....	1.65	1.50	1.40
3.00	**Golden Masterpiece** (#1284). Yellow.	1.65	1.50	1.40
2.00	**Golden Scepter** (#910). Yellow.....	1.10	1.00	.95
3.00	**Hawaii** (#1833). Orange-coral blend.	1.65	1.50	1.40
2.75	**Helen Traubel** (#1028). Pink.....	1.50	1.38	1.30
3.00	**Invitation** (#2018). Salmon pink.....	1.65	1.50	1.40

Minimum Retail Price	Variety & Description	No. 1 Wholesale Price (Bare root) 10 Each	20-90 Each	100 up Each
$3.50	**King's Ransom AARS 1962.** (PPAF). Pure yellow.....	$1.90	$1.75	$1.65
3.00	**Kordes Perfecta** (#1604). Cream white to carmine at edges.....	1.65	1.50	1.40
2.50	**Lady Elgin** (#1469). Buff yellow blushed with pink.....	1.40	1.25	1.20
2.50	**Love Song** (#1360). Bicolor.....	1.40	1.25	1.20
3.50	**Memoriam** (PPAF). Exquisite pink....	1.90	1.75	1.65
2.75	**Mojave** (#1176). Orange-red.....	1.50	1.38	1.30
2.50	**New Yorker** (#823). Brilliant red.....	1.40	1.25	1.20
2.25	**Nocturne** (#713). Rich dark red.....	1.25	1.13	1.05
3.00	**Pink Peace** (#1759). Deep pink.....	1.65	1.50	1.40
3.50	**Royal Highness AARS 1963.** (#2032) (See picture next page.) Delicate pink..	1.90	1.75	1.65
3.00	**Simone** (#1847). Pastel lilac.....	1.65	1.50	1.40
2.50	**Sterling Silver** (#1433). Lavender...	1.40	1.25	1.20
2.50	**Sutter's Gold** (#885). Yellow.....	1.40	1.25	1.20
2.75	**Tiffany** (#1304). Pink.....	1.50	1.38	1.30
3.50	**Tropicana AARS 1963.** (#1969) (See picture next page.) Brilliant orange red.	1.90	1.75	1.65
2.75	**White Knight** (#1359). Pure white...	1.50	1.38	1.30

Patented Varieties Continued on next page

Patented Varieties—Continued

ROYAL HIGHNESS
AARS 1963

TROPICANA
AARS 1963

Floribundas

Minimum Retail Price	Variety & Description	No. 1 Wholesale Price (Bare root) 10 Each	20-90 Each	100 up Each
$2.00	**Amy Vanderbilt** (#1585). Lilac	$1.10	$1.00	$ .95
2.50	**Circus** (#1382). Yellow to orange	1.40	1.25	1.20
2.00	**Fashion** (#789). Coral-pink	1.10	1.00	.95
2.00	**Fashionette** (#1563). Pink	1.10	1.00	.95
2.00	**Fireking AARS 1960.** (#1758). Vermilion	1.10	1.00	.95
2.00	**Gold Cup** (#1683). Rich yellow	1.10	1.00	.95
2.50	**Golden Garnette** (#1898). Yellow	1.40	1.25	1.20
2.50	**Golden Slippers AARS 1962.** (PPAF). Orange set in a ring of gold	1.40	1.25	1.20
1.75	**Goldilocks** (#672). Bright yellow	1.00	.88	.80
2.00	**Ivory Fashion** (#1688). Ivory	1.10	1.00	.95
2.00	**Jiminy Cricket** (#1346). Tangerine-red	1.10	1.00	.95
2.25	**Little Darling** (#1581). Rose pink to yellow	1.25	1.13	1.05
1.75	**Pink Garnette** (#1120). Pink	1.00	.88	.80
1.75	**Red Pinocchio** (#812). Velvety red	1.00	.88	.80
2.00	**Sarabande AARS 1960** (#1761). Orange-red	1.10	1.00	.95
2.00	**Spartan** (#1357). Orange-red	1.10	1.00	.95
2.00	**Vogue** (#926). Cherry-coral	1.10	1.00	.95
2.00	**White Bouquet** (#1415). White	1.10	1.00	.95

Vaughan's Packaged Patented Roses

Available only in AAN grade No. 1 or better golden packages with 4 color picture of the flower.

Case Identification	
PR-C	25-No. 1 grade or better patented varieties. Your choice of varieties. Minimum of 5 of a kind. Available varieties are listed above and on page 61. Cost: Cases of 25 Retail less 40%
PR-1	24-No. 1 grade or better of patented varieties. Our choice of popular kinds. Not more than 2 of any one kind and about like R-1 for colors. Retail price figured at $66.00. Cost: Case of 24—$39.60.

Climbers

Minimum Retail Price	Variety & Description	No. 1 Wholesale Price (Bare root) 10 Each	20-90 Each	100 up Each
$2.50	**Blossomtime** (#1240). Two-toned pink	$1.40	$1.25	$1.20
2.75	**Climbing Crimson Glory** (#736). Deep red	1.50	1.38	1.30
2.50	**Climbing Peace** (#932). Yellow with pink blush	1.40	1.25	1.20
3.00	**Don Juan** (#1864). Velvety red	1.65	1.50	1.40
2.50	**Golden Showers** (#1557). Yellow	1.40	1.25	1.20

Grandifloras

Minimum Retail Price	Variety & Description	No. 1 Wholesale Price (Bare root) 10 Each	20-90 Each	100 up Each
$2.50	**Buccaneer** (#1119). Brilliant yellow	$1.40	$1.25	$1.20
2.00	**Carrousel** (#1066). Dark red	1.10	1.00	.95
2.75	**El Capitan** (#1796). Red	1.50	1.38	1.30
2.50	**Golden Girl** (#1912). Sparkling yellow	1.40	1.25	1.20
3.50	**John S. Armstrong AARS 1962** (2056). Velvety dark red	1.90	1.75	1.65
2.50	**June Bride** (#1770)	1.40	1.25	1.20
2.75	**Montezuma** (#1383). Scarlet-orange to orange-salmon	1.50	1.38	1.30
3.00	**Pink Parfait AARS 1961** (#1904). Pink to rose-pink	1.65	1.50	1.40
2.50	**Queen Elizabeth** (#1259). Pink	1.40	1.25	1.20
2.50	**Starfire** (#1742). Currant-red	1.40	1.25	1.20

Vaughan's patented roses are offered under license from patentee and it is understood and agreed that they will be resold at or above the minimum retail price listed before each patented variety. No reduction should be made in the minimum retail price if No. 1½ grade is purchased at 20% off the #1 price.

Order bare root roses only in multiples of 10. Quantity prices are "per variety" on all patented varieties regardless of the overall total of bushes ordered and apply to bare root roses only. Ask for special prices on more than 250 of a variety.

Vaughan's Western Grown Roses

FOR POT FORCING

You can recapture potted plant sales from supermarkets by offering these exceptionally fine roses potted and in full bloom for Easter and Mother's Day. Their popularity is increasing all the time. Recommended varieties make wonderfully-free-blooming specimens. XXX grade result in large plants; XX grade in medium plants. Shipments from December through February.

Patented varieties are offered under license from the patentee and are for resale at or above the retail prices specified. Wholesale prices on patented varieties are per variety. Quantities of patented varieties cannot be grouped with standard varieties for quantity prices. All standard varieties may be grouped to take advantage of the lowest quantity price.

Patented Varieties

Carol Amling (#1126). An excellent light pink sport of Garnett. Attractive green foliage. Min. retail 1.75.

XXX grade	10 plants, each	**$1.00**
	20/90 plants, each	**.87½**
	100/240 plants, each	**.80**
	250 plants or more, each	**.75**

China Doll (#678). A very compact bush. Flowers pink edged with light pink to white. Very free blooming. Excellent for pot forcing. Min. retail $2.25.

XXX grade	10 plants, each	**$1.25**
	20/90 plants, each	**1.12½**
	100/240 plants, each	**1.05**
	250 plants or more, each	**.95**

XX grade of patented pot forcing roses 20% less than XXX price. All pot forcing roses available in bundles of 10 and bare root only. Packing charged extra at cost.

Standard Varieties

Dick Koster. Flowers bright salmon rose.

Garnette. Attractive glossy bronze foliage. Flowers bright rich red. Growth compact.

Golden Salmon. The name describes the flower color. Bush growth is compact. Foliage is good. Excellent.

Margo Koster. Flowers freely with salmon-orange globular shaped blooms. Bush compact.

Mother's Day. Red globular shaped flowers. A sport of Margo Koster.

Rose Elfe. Bush loosely compact. Flowers large, high centered and a lovely pink. Flower clusters are on relatively long strong stems.

Summer Snow. The most prolific of white varieties in this class. Flowers pure white in heavy clusters.

Triomphe D'Orleanis. Flowers cherry red. Very popular.

Prices of standard varieties.

	10 plants each	20/90 plants each	100/250 plants each	more than 250 plants each
XXX grade	**.75**	**.70**	**.65**	**.60**
XX grade	**.65**	**.60**	**.55**	**.45**

MINIATURE ROSES

Price Schedule for Dormant Plants

Variety	Pl. Pat. No.	Our Retail Each Price	Wholesale Price per plant 10-24	25-99	100-249
Pixie Rose	2095	1.50	**$0.75**	**$0.70**	**$0.65**
Scarlet Gem	2155	1.50	**.75**	**.70**	**.65**
Baby Gold Star	—	1.50	**.75**	**.70**	**.65**
Bo-Peep (pink)	976	1.50	**.75**	**.70**	**.65**
Cinderella (white)	1057	1.50	**.75**	**.70**	**.65**
Red Imp	1032	1.50	**.75**	**.70**	**.65**
Pixie Gold	2901	1.50	**.62½**	**.60**	**.55**
Midget (red)	—	1.25	**.62½**	**.60**	**.55**
Pixie (white)	—	1.25	**.62½**	**.60**	**.55**
Robin (red)	1663	1.25	**.62½**	**.60**	**.55**
Sweet Fairy (pink)	748	1.25	**.62½**	**.60**	**.55**
Tinker Bell (pink)	1293	1.25	**.62½**	**.60**	**.55**

Quantity of the variety ordered determines price bracket, not total quantity of the order. These plants are grown and shipped in plastic Poly-Pots (equivalent to 3" clay), individually labeled, and packed, f.o.b. West Grove, Pa. only. No charge for packing. Minimum order 50 Plants.

FREE! with each order: Poster, cultural information, and growing guides.

COLLECTIONS

MR1 (100 Plants)—10 Baby Gold Star, 15 Bo-Peep, 15 Cinderella, 10 Pixie Rose, 40 Red Imp, 10 Scarlet Gem. **$67.50** for one collection. **$73.00** value.

MR2 (50 Plants)—30 Red Imp, 10 Cinderella, 10 Bo-Peep. **$34.50** for one collection. **$36.00** value.

MR3 (210 Plants)—10 Midget, 50 Red Imp, 20 Scarlet Gem, 10 Robin, 15 Baby Gold Star, 15 Pixie Gold, 15 Bo-Peep, 15 Pixie Rose, 20 Sweet Fairy, 10 Tinker Bell, 20 Cinderella, 10 Pixie. **$125.00** for one collection. **$145.75** value.

MR4 (100 Plants)—20 Midget, 15 Pixie, 15 Pixie Gold, 15 Robin, 20 Sweet Fairy, 15 Tinker Bell. **$57.50** for one collection. **$62.00** value.

MR5 (50 Plants)—10 Midget, 10 Pixie, 10 Pixie Gold, 10 Robin, 10 Sweet Fairy. **$30.00** for one collection. **$31.00** value.

This appealing "extra salesman" sells for you every minute of your business day. Tiny 10x10-in. counter space returns big sales.

18½¢ each

One Case of 72 Planted Pots $13.32

Now! Sell Glamorous Begonias In Peat Pots Ready To Grow

- **Peak Profits . . . Fast Turnover . . . Self-Selling**
- **Customers love their beauty, love to grow them**
- **Counter-top Display Advertises and "Asks for the Order"**

These imported begonias are 1½" and up in diameter; each bulb is planted in a 3" square peat pot; entire pot is wrapped in cellophane which is imprinted with cultural directions and a picture of the flower IN COLOR. The growing medium in the pot is vermiculite. Your customer needs only to remove the cellophane and add water to start the bulb growing. When plant reaches proper size as clearly stated in directions, the entire pot can be planted outdoors for blooming—this eliminates transplant shock.

Your choice of DARK RED, YELLOW, WHITE, ROSE—18 pots (all of one color) packed in each display carton. There are four attractive display cartons to a case—packed in your choice of color, or STANDARD PACK 18 OF EACH COLOR. Minimum order one case of 72 pots.

Your PROFIT amounts to	**$14.76**
On 72 planted pots COSTING	**13.32 (18½c each)**
At suggested SELLING price of	**$28.08 (39c each)**

Fancy Leaf Caladiums

Available *now* through June. Write for Descriptive Color Folder.

Listed below are the choicest varieties of Fancy Leaved Caladiums that we have in adequate supply. If you want varieties not listed below, just write us of your needs. We have limited quantities of many more outstanding Caladiums, including Straps, Lance and Arrow-Leaf varieties.

If you do not want substitutions, please state the fact on your order. This will save time and correspondence in satisfactorily filling your order.

Order early for best variety selections.

AARON. Creamy white center, green border.
ACE OF HEARTS. Dwarf, bright rose leaf with green border, scarlet ribs.
AVALON ROSE. Rose center with red spots, moss green border.
AVERY MAY. New. Bluish red center with pink spots.
*__BECKY SHEPPARD.__ New. Rose pink leaves, light green border.
BLUE DANUBE. New. Bluish red frilled.
CALOOSAHATCHEE. White leaf, green border.
CANDIDUM. White with green veins.
CAROLYN WHORTON. Multi-colored leaves with purple hue.
CRIMSON WAVE. Crimson with dark green border.
DR. GROOVER. Transparent pink, green border.
DUKE. Red center, green border.
EDITH MEADE. White with green border, red midribs.
EDNA. Shiny wine red leaves.
E. O. ORPET. Bright red narrow leaf.
EXPOSITION. Bright crimson, scarlet ribs, dark border.
FANNIE MUNSON. Bright crimson, scarlet ribs, green border.
FESTIVA. Similar to Lord Derby, but with red leaves.
FRED BAUSE. Bluish red leaves, green border.
FREIDA HEMPLE. Bright red center, green border. Many leaves.
IRENE DAHLBERG. White leaf with pink hue, green border.
ITACAPUS. Dark red with bright red spots.
JESSIE THAYER. Flushed pink and white red veins.
JOHN PEED. Bright red center, green border.
KATHLEEN. Salmon pink leaves, green border.
LADY IN RED. Deep red with deeper red ribs, green border.
LORD DERBY. Transparent rose, dark ribs and green border.
MACAHYBA. Bronze leaves with green and red rays, large pink and white splashes.
MARIE MOIR. White with red spots, green border.
MISS CHICAGO. Beautiful pink. Very popular.
MISS DALLAS. Similar to Pink Cloud, but not so tall.
MRS. ARNO NEHRLING. Bronze leaves turning white, with pink hue. Scarlet ribs.
MRS. F. M. JOYNER. White with pink hue, scarlet midribs.
MRS. F. SANDERS. Dark green leaf, blotched with deep rose.
MRS. W. B. HALDERMAN. Red center, narrow green border.
PINK BEAUTY. Pink leaves, green border, bushy.
PINK CLOUD. Crumpled leaf, mottled pink.
*__PINK GEM.__ Pink and white leaves with bronze green border.
POECILE ANGLAIS. Deep crimson, metallic green border.
POTHOS. Green, yellow and white mottled leaves.
RED ENSIGN. Bright metallic red, green border, bushy.
RED FLARE. Scarlet, blotched with green. Extra good pot plant.
RICHARD DECKARD. Rose with scarlet ribs, tan border.
ROSALIE. Shiny red leaves with green border.
ROSEBUD. Dwarf. Rose leaf, green border.
ROSE FRILL. Rose leaves, green border.
*__ROSE MARIE.__ Pink with green border.
SCARLET PIMPERNELLE. Scarlet center, straw colored border.
SEAGULL. White lacy network on green background.
SPANGLED BANNER. Dark red leaf, heavily spotted pink.
STOPLIGHT. Bright red turning pink, green border.
SUNBURST. Bright red center with red spots, green border.
TEXAS BEAUTY. Bronze, heavily splotched with pink, red ribs.
THOMAS TOMLINSON. Bright red, green border, very bushy.
T. L. MEADE. Bronze red leaves, bright red midribs.
TOM THUMB. Tan leaf with white center, scarlet ribs, dwarf.
WHITE CHRISTMAS. Solid white between green midribs, green border.
WHITE WING. White with green border.

*Indicates Lance Leaf Varieties

PRICES—ALL WHOLESALE CALADIUMS
F.O.B. FLORIDA

		Per 100	Per 1000
Mammoth	3½—4½	$35.00	$325.00
Jumbo	2½—3½	27.50	250.00
#1	1½—2½	15.00	135.00
#2	1 —1½	9.00	75.00

Display

FANCY LEAVED CALADIUMS

Caladiums are colorful all summer. They can be planted in beds, borders and used very effectively in hanging baskets or window boxes. Start indoors in Val Peat Pots and plant out after danger of frost is over. Ideal for semi-shade or shady places.

Colored display 25″x12″x19″ high.

Display contains 150 bulbs; No. 1 size. 25 each of 6 popular named garden varieties including Candidum.

Complete with colored pictures of each variety and cultural Instruction.

SHIPMENTS

Available January thru June

Southern shipments can be made as requested. Recommend March or April shipments for Midwest.

- **Excellent Profit**
- **Self Selling**

Price F.O.B. Florida. Approx. wt. 24 lbs.
$24.00 PER BOX

Dahlia Display Case

150 Tubers
25 Each — 6 Colors

- **Large Flowering Type**
- **Attractive Full Colors**
- **Tubers Waxed for Long Counter Life**
- **Pictures on Lid**

$22.50 per case

Sell 3 for $1.00—More Than Double Your Money

Giant Hybrid Amaryllis

Famous Imported Holland Strain Amaryllis

Sensationally large well formed flowers. Brilliant colors. Greenhouse grown. True to color.

Order by color. Red, Dark Red, Scarlet, Salmon, White, Orange, Striped.

	Size 30-32 ctm. Each	Doz.	Per 25
Prepared Bulbs for Jan. Flowering Delivery	**$3.00**	**$35.00**	**$68.00**
Regular (Feb.—March Flowering)	**$2.50**	**$29.00**	**$56.00**

AMARYLLIS "CALIFLORA" HYBRID MIXTURE

This magnificent California grown strain is the result of crossing the finest Dutch & Domestic Hybrids. The Amaryllis produce extremely large flowers of excellent form and substance which are derived from the Dutch parentage and the plants are vigorous, healthy and evergreen which are the characteristics of the Domestic parent stock.

	Per 100	Per 1000
2½ to 2¾" Diameter	**$37.50**	**$330.00**
2¾ to 3"	**45.00**	**420.00**
3" and up	**55.00**	**510.00**

ANEMONE
"TECOLOTE" GIANTS

Each bulb produces dozens of flowers. Not hardy. In West, Southwest & South plant in Fall. In colder climates, plant in Spring. Excellent as cutflower in cool greenhouse (45 degrees). Plant 1 to 2" deep and 6" apart in any soil with adequate drainage.

CALIFORNIA GROWN

	¾ to ⅞" 100	¾ to ⅞" 1000	⅝ to ¾" 100	⅝ to ¾" 1000
Monarch DeCaen. Single Poppy type mixture				
St. Brigid. Double Mixture				
Blue Poppy. Single blue	**$5.50**	**$50.00**	**$4.00**	**$35.00**
Bride. Single white				
His Excellency. Single red				
Rosea (Sylphide). Single rose				

RANUNCULUS
"TECOLOTE" GIANTS

These "claw-like" bulbs should be planted "claws" down 1 to 2" deep and 8" apart in any garden soil with good drainage. Huge, fully double blooms in Reds, Pinks, Yellows, Whites, Bronze and many in between and bi-color shades. Dozens of blooms from each bulb. Not hardy. In warmer climates, plant in Fall; in colder areas, plant in Spring or cool (45 degrees) greenhouse.

Best California mixture

	American grown 100	1000
⅝ to ¾"	**$3.00**	**$25.00**
¾ to ⅞"	**4.00**	**35.00**
⅞ to 1"	**5.50**	**50.00**

PINK CALLA
(Rehmanni Superba) Ready December 1st

	Doz.	100	1000
1½-2 inches	**$2.25**	**$16.00**	**$145.00**
2-2½ inches	**3.00**	**23.00**	**200.00**

YELLOW CALLAS

	Doz.	100	1000
2-2½ inch	**$2.25**	**$16.00**	**$145.00**
2½-3 inch	**5.00**	**35.00**	**300.00**
3 inches and up	**6.50**	**50.00**	**450.00**

ACIDANTHERA BICOLOR

MURIELAE. Flowers resembling small gladiolus grow from similar corms. The 2 inch Florets are white with deep violet blotch on 2 foot stems. Keep bulbs warm and dry. Per 100, $3.00; per 1000, $25.00.

CANNAS

	100	1000
KING HUMBERT. 4 ft. Scarlet flowers, bronze leaves, greatest favorite today	**$ 7.50**	**$ 70.00**
YELLOW KING HUMBERT. 4 ft. An orchid flowering sport of the well known variety King Humbert	**7.50**	**70.00**
THE PRESIDENT. 4 ft. In color a rich glowing scarlet with immense rounded flowers 7" across when fully open, produced on strong, erect stems well above the large green foliage	**7.50**	**70.00**
HUNGARIA. 3½ ft. Very compact, almost dwarf, and of luxuriant growth. Leaves bluish green, never burn. Flowers LaFrance pink	**7.50**	**70.00**

NEW GRAND OPERA SERIES

A new strain with unusual soft colors and large flowers.

	100	1000
AIDA. Large trusses of old rose overlaid with Salmon. Deep Green foliage.		
LA BOHEME. Extraordinary large heads of flowers of rosy peach with tints of Pearl.		
LA TRAVIATA. A delightful and lively shade of old rose in large flowers.	**$20.00**	**$175.00**
MIGNON. Giant flowers of old Gold.		
MME. BUTTERFLY. One of the finest of this series, yellow washed with pink.		
RIGOLETTO. Pure canary yellow.		

HYACINTHUS CANDICANS

SUMMER HYACINTH. Perfectly hardy and of vigorous growth. Flowers are pure white and pendulous, 4 feet high.

	100
1½ to 1¾ inches	**$5.00**
1¾ inch and up	**6.00**

ISMENE CALATHINA

PERUVIAN DAFFODIL. Flowers are pure white, borne three or four on a stem, and are very fragrant. Not hardy

	100
	$30.00

GLOXINIAS

Etoile de Feu—bright red
Defiance—red scarlet
Roi des Rouges—deep red
Emperor Frederik—red with white border
Emperor Wilhelm—blue with white border
Mont Blanc—pure white
Prince Albert—deep blue
Violacea—blue violet
Queen Wilhelmine—carmine
Tigrina—specked
Princess Elizabeth—blue with white throat
Waterloo—deep red
Hollywood—novelty, blue going over to scarlet purple. Very early large flowers.
Blanche de Meru—pink with white throat

Grow at 65 degrees in mixture half peat and half sand. Keep the soil most and avoid direct sunlight for the plants, especially at its maximum intensity.

	100	1000
1½-2 inch	**$16.00**	**$150.00**
2 inch and up	**22.00**	**195.00**

BELGIAN GROWN

Shipment December through February.

EARLY DUG GLOXINIAS

Shipment late October through November.
Varieties as listed above.

	100	1000
2 inch and up	**$24.00**	**$210.00**

DAHLIAS

Ready February 1st

KEY TO ABBREVIATIONS. F.D., Formal Decorative; S.C., Semi-Cactus; Str. C., Straight Cactus.

LARGE FLOWERING TYPES

	Per 100
AVALON. F.D. Clear Yellow, 6" and up	**$18.00**
CHANDELON. C. Pink and yellow, 6"	**18.00**
CLARA HOOK. C. Dark Yellow. 6"	**22.00**
D-DAY. F.D. Pink. 6" and up	**18.00**
DUIEL DE ROY. F.D. Purple, tipped white, 6" and up	**20.00**
FRANCIS WARNER. F.D. Lavender. 6" and up	**20.00**
GALLANT FOX. F.D. Brilliant Red. 6" and up	**18.00**
GAY. F.D. Bright yellow. 6" and up	**18.00**
GOLDEN TREASURE. F.D. Golden yellow. 6" and up	**18.00**
GYPSY GIRL. F.D. White with maroon flicks. 4" to 6"	**22.00**
JEAN KERR. F.D. White. 4" to 6"	**18.00**
JERSEY BEAUTY. F.D. Clear Pink. 6" and up	**20.00**
MICHIGAN. White S.C. White. 6"	**20.00**
NICKY K. C. Bright red. 6"	**18.00**
PETER'S GLORY. F.D. Pink & Cream. 6"	**20.00**
REAL GLORY. F.D. White. 8" and up	**20.00**
RUBY GLOW. F.D. Maroon Red. 4 to 6"	**18.00**
VICTORY. F.D. Rose pink. 6"	**20.00**
WANDA MEADE. F.D. Red and White. 6" and up	**18.00**

MINIMUM ORDER—25 OF A VARIETY

GLORIOSA ROTHSCHILDIANA

Climbing Lily for Cut Flowers **F.O.B. Florida**

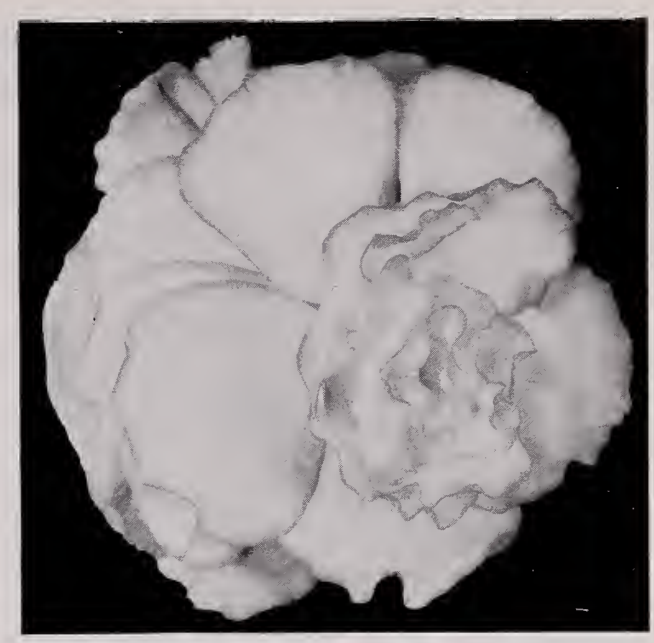
A profusion of brilliant red and yellow flowers. Requires three to four months to bloom.

	Per 100
Large size tubers	**$60.00**

MONTBRETIAS

They are highly valued for cut flowers. Our mixture contains many bright shades of yellow, salmon, orange and scarlet.

	100	1000
Regular Assorted, 4 Colors	**$4.50**	**$40.00**



TUBEROUS ROOTED BEGONIAS

BEGONIAS TUBEROUS ROOTED

Copper, Red, Crimson, Orange, Pink, Rose, Salmon, Scarlet, White, Yellow.

By Color or Mixed Double Camelia Flowered—Belgium Grown

	100	1000
1¼-1½ inch	**$ 6.00**	**$ 55.00**
1½-2 inch	**10.00**	**90.00**
2 inch and up	**15.00**	**145.00**

CARNATION FLOWERED

	100	1000
1½-2 inch	**$12.00**	**$100.00**
2 inch and up	**16.00**	**150.00**

PENDULA OR HANGING BASKET

	100	1000
1½-2 inch	**$14.00**	**$125.00**
2 inch and up	**19.00**	**175.00**

MULTIFLORA MAXIMA

(New cross between Camelia flowered and multiflora in 8 colors). Good Pot Plant for Easter or good bedding plant, 1 inch in diameter

	100	1000
	$14.00	**$125.00**

AMERICAN GROWN RUFFLED CAMELIA OR ROSE FORM

"For The Very Best"

	100	1000
1¼-1½ inch	**$12.00**	**$100.00**
1½ inch-2 inch	**18.00**	**160.00**
2 inch and up	**22.00**	**200.00**

OXALIS

DEPPEI. Bright green foliage with coppery red flowers—ideal little garden. Also very nice if planted in pots for the window sill. Called lucky four leaf clover plant.

100	1000
$2.00	**$15.00**

TIGRIDIA

SHELL FLOWER OF MEXICO. Few flowers are more gorgeously colored or so beautiful. Plant in sunny positions in a flower border in well-drained soil. Put a little sand under the bulb.

	100	1000
Mixed	**$5.00**	**$40.00**

TUBEROSES
Well-Cured Bulbs

Our Bulbs are secured from dependable growers who are very careful in selecting the best **Dwarf Excelsior Pearl Type.**

		100	1000
Dwarf Excelsior Pearl	First size, 4 to 6 inch	**$8.00**	**$75.00**
	Second size, 3 to 4 inch	**5.00**	**45.00**

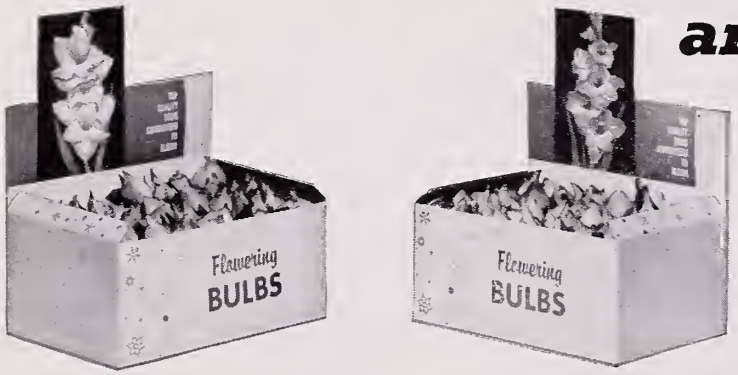
Leading Commercial Gladioli

MINIMUM ORDER 100 OF A VARIETY

	100	1000
BRIDAL ORCHID. Light Lavender.		
First Size	$3.50	$28.00
Second Size	2.50	22.00
ELIZABETH THE QUEEN. Fine ruffled lavender.		
First Size	3.50	28.00
Second Size	2.50	22.00
FLORENCE NIGHTINGALE. Ruffled Cream White. **First Size**	3.50	28.00
Second Size	2.50	22.00
FRIENDSHIP. Bright true pink. Early excellent florist cut flower. **First size**	3.50	28.00
Second size	2.50	22.00
GOLD. Real fine color Golden Yellow.		
First Size	3.00	26.00
Second Size	2.50	20.00
HANS VAN MEEGEREN. Golden yellow.		
First Size	3.50	28.00
Second Size	2.50	22.00
HOPMAN'S GLORY. Yellow. **First Size**	3.50	28.00
Second Size	2.50	22.00
JUNE BELLS. White. **First Size**	3.50	28.00
Second Size	2.50	22.00
MOTHER FISCHER. Finest new Ruffled White.		
First Size	3.00	26.00
Second Size	2.50	20.00
PROF. GOUDRIAN. Creamy White.		
First Size	$3.50	$28.00
Second Size	2.50	22.00
PHANTOM BEAUTY. Beautiful Soft, Shell Pink.		
First Size	3.50	28.00
Second Size	2.50	22.00
REGINA. Rich Amber Orange.		
First Size	3.50	28.00
Second Size	2.50	22.00
RAJAH. Ruffled Velvet Purple.		
First Size	3.50	28.00
Second Size	2.50	22.00
SAN SOUCI. Very large bright red.		
First Size	3.50	28.00
Second Size	2.50	22.00
SPIC & SPAN. Bright pink. **First Size**	3.50	28.00
Second Size	2.50	22.00
VALERIA. Best red. **First Size**	4.00	30.00
Second Size	3.00	24.00
WILD ROSE. Rose Pink. **First Size**	3.50	28.00
Second Size	2.50	22.00
GLADIOLUS—Mixed. All Good Standard Varieties. **First Size**	3.00	25.00
Second Size	2.50	20.00

ABOVE LISTED VARIETIES ARE BEST COMMERCIAL CUT FLOWER VARIETIES

500 Glads, 10 Varieties, and Display Boxes



$18.00

Retails for Over $37.00

F. O. B. Chicago

You get 10 of these colorful Display Boxes measuring 9 in. wide, 8 in. deep, and 5 in. high.

Vaughan's Gladioli

Are famous. For Years They Have Been Nationally Advertised.

We use HEAVYGRADED BULBS, 1½"-2", the size which sells best over the counter. The price to you is $18.00 for the 10 boxes and 500 bulbs of 10 named varieties. You retail them for 90c a dozen, or more, because the selection is worth it, doubling your money. Each variety is packed 50 in a bag labeled with its name. You empty one bag into a box, and refill in the same manner when it is empty. This prevents mixtures and loss of bulbs. After the display boxes and first collection have been bought, refill orders will be accepted for $17.00 for 500 bulbs, 50 each of 10 varieties, in bags of 50; or $32.00 for 1,000 bulbs, 100 each of ten varieties. Colored pictures are pasted on each display box.

Cut Flower Lilies and Hardy Lilies for Dry Sales

JAPANESE GROWN GEORGIAS (ARAI #5)

	Case
6-8 (400 per case)	$45.00
7-9 (300 per case	45.00
8-10 (225 per case)	48.00
9-10 (200 per case)	48.00
10-11 (100 per case)	48.00

LILIUM GIGANTEUM

	Case
7-9 (300 per case)	$48.00
8-10 (225 per case)	48.00
9-10 (200 per case)	50.00

SPECIOSUM RUBRUM MAGNIFICUM

Flowers are of good substance; will last a long time and do not all open at once. The color is white with pink and crimson shading, spotted with red.

	Case
7-9 inches (250 bulbs to case)	$40.00
8-9 inches (200 bulbs to case)	40.00
9-10 inches (140 bulbs to case)	40.00
9-11 inches (125 bulbs to case)	40.00
11-13 inches (90 bulbs to case)	40.00

LILIUM REGALE

White Trumpet flowers—most popular outdoor trumpet lily. Pink fringe on outer edges. Flowers in July on 5-foot stems.

	Case
6-7 inch (300 per case)	$35.00
7-8 inch (250 per case)	35.00
8-9 inch (200 per case)	35.00
9-10 inch (150 per case)	35.00

AURATUM—GOLD BANDED

	Case
8-9 inches (200 per case)	$35.00
9-11 inches (125 per case)	35.00
11-13 inches (90 per case)	35.00

ALBUM (WHITE RUBRUM)

Reflexed pure white flowers increasing in popularity. We have a very clean and vigorous American grown stock.

	Case
7-8 inches (250 per case)	$60.00
8-9 inches (200 per case)	80.00
9-10 inches (150 per case)	72.00

LILIUM REGALE

Cash In On Hardy Lily Demand

Case of 150 Bulbs $47.50

F. O. B. CHICAGO

Shipment Oct. 10th

Fastest growing hobby flower in America today is the hardy Lily. Hundreds of magazine articles during the past year have created hundreds of thousands of prospects.

You can cash in on this tremendous potential demand with our modern hardy Lily merchandising unit. All you do is open the lid and you are in the Lily business. The case itself is the display, complete with gorgeous full color illustrations. There are no losses: bulbs remain until sold in storage peat.

Your customers will be delighted to sell themselves out of this compact, self-service unit.

LILY DISPLAY CASE CONTAINS

All Bulbs 8 to 9 inches in circumference

60 Regale	Retail at 40c each
30 Orange Triumph	Selling Total $80.00
30 Tigrinum	Cost 47.50
80 Rubrum	
200 Total	**Profit $32.50**

Spring Bedding Plant Sources

THESE COMPOSITE LISTINGS OF SPRING BEDDING PLANTS WILL ENABLE YOU TO MAKE YOUR SELECTIONS SO THEY CAN BE SHIPPED FROM ONE SOURCE. THIS SAVES HANDLING COSTS AND TRANSPORTATION CHARGES. ON ALL ORDERS LESS THAN $10.00 FROM ONE LISTING ADD $1.00 MINIMUM ORDER CHARGE.

SOURCE 2—F.O.B. MASSACHUSETTS

	Per 100	Per 1000
AGERATUM—Imp. Riverside, Mundelein, Magnolia Beauty, White, Blue Boy, R.C.	$3.50	$30.00
2¼"	12.00	110.00
BEGONIAS—Red, Pink, White, 2¼"	12.00	110.00
Double Red, Pink & White	15.00	130.00
COLEUS—Good Assortment, R.C.	4.00	35.00
2¼" avail. January	12.00	110.00
DRACAENA INDIVISA—2¼"	12.00	110.00
3"	20.00	195.00
DUSTY MILLER—Fernleaf, R.C.	5.00	45.00
2¼" avail. Nov.	12.00	110.00
FUCHSIAS—Pink Beauty, Black Prince, Giant Pink, Winston Churchill, Hollydale, Double White, Little Beauty, Pride of Orion R.C.	6.00	55.00
2¼"	13.00	120.00
LANTANAS—M. Schmidt, Caprice, Tethys, Golden Queen, Dwarf Beauty, Delicatissima, Lavender Trailing, Radiation, Sensation R.C.	6.00	55.00
2¼"	13.00	120.00
PELARGONIUMS, Standard var. 2¼"	18.00	175.00
Assorted & Labelled, 2¼"	20.00	195.00
VINCA VINES—Variegated, R.C.	5.00	45.00
2¼"	12.00	110.00

25 of a variety at 100 rate—500 of a variety at 1,000 rate

1,000 rate not in effect after Apr. 15, 1963 in 2¼" as these are finished plants after this time

SOURCE 4—F.O.B. EASTERN OHIO

	Per 100	Per 1000
ACHYRANTHES—Red, R.C.	$ 5.00	$ 45.00
AGERATUM—Devon Blue, Blue Mound, Riverside, Masterpiece, Pink, White, R.C.	3.50	30.00
COLEUS—15 Varieties, mixed, R.C.	4.50	40.00
DAISY—Boston Yellow, R.C.	8.00	75.00
Boston White	8.00	75.00
Pink, R.C.	8.00	75.00
DRACAENA-INDIVISA, 2¼"	12.00	
3"	25.00	
DUSTY MILLER—Fern Leaved, R.C.	5.00	45.00
FUCHSIAS—Little Beauty, R.C.	8.00	75.00
Winston Churchill, White Churchill Pride of Orion, R.C.	7.00	65.00
IMPATIENS—Mixed, R.C.	5.00	45.00
LANTANAS—Caprice, Golden King, Lady Olivia, Lavender Weeping, Radiation, Michael Schmidt, Southern 2¼"	12.00	110.00
***Gilbert's Surprise,** very dwarf, bronze to Lt. pink. 2¼" *Minimum order—100 plants	15.00	
VINCA—Variegata, R.C.	4.50	40.00
2¼", 2 pp pot	12.00	110.00

SOURCE 5—F.O.B. INDIANA

	Per 100	Per 1000
ACHYRANTHES—Brilliancy, Burgundy, Yellow-Green Variegated, R.C.	$ 4.50	$ 42.50
Branched 2¼"	12.00	115.00
AGERATUM—Riverside, Devon Blue, R.C.	3.75	35.00
Bushy, 2¼"	12.00	115.00
ARTILLERY PLANT—Upright type, Spreading Type, R.C.	3.75	35.00
Branched 2¼"	12.00	115.00
ASPARAGUS SPRENGERI—Heavy 2¼"	12.00	115.00
COLEUS—Beckwith Gem, Brilliancy, Christman Gem, Golden Banded, Ok Butterfly, Max Levering, Mrs. C. H. Harding, Verschaffelti, Yellow Bird, Trailing Queen. Red Trailing Queen. Your Choice or assortment R.C.	4.00	37.50
Branched 2¼"	12.00	115.00
DRACENA INDIVISA, Large 2¼"	12.00	115.00
Heavy, Large 3"	25.00	240.00
DUSTY MILLER—Upright Fern Leaf Type, R.C.	5.00	47.50
Branched 2¼"	12.00	115.00
IMPATIENS SULTANI—Bright Red, Dark Salmon, Light Pink, Dark Pink, Orchid, Wine, White, Assortment, R.C.	5.00	47.50
Branched 2¼"	12.50	120.00
Your Choice, Named, R.C.	5.00	47.50
Branched 2¼"	13.50	130.00
LANTANAS—Michael Schmidt, Radiation, Caprice, Golden King, Snow White, Weeping Lavender. Good Assortment R.C.	5.00	45.00
Branched 2¼"	12.50	120.00
PELARGONIUMS—Standard Varieties, Named, R.C.	15.00	140.00
2¼"	20.00	190.00
Premium Varieties, Named, R.C.	20.00	
2¼"	25.00	
VINCA VARIEGATA—R.C.	4.75	45.00
Branched 2"	12.00	115.00

25 of a variety at 100 rate—500 of a variety at 1,000 rate

SOURCE 6—F.O.B. ILLINOIS

	Per 100	Per 1000
AGERATUMS—Imp Riverside, Pure White, New Masterpiece, New Pink, RC	$ 3.50	$ 30.00
BEGONIAS—Red Pearl, Indian Maid, Carmen, White, Pink Pink, Scandinavia Red and Pink, Hybrid Tausendschoen Pearl and Pink, 2¼"	12.50	120.00
COLEUS—Burgundy, Imp Butterfly, Gold Bound, Nancy Less, Hollywood, Lois, Variegated, Red Queen Assorted RC	4.00	35.00
Named Varieties RC	4.00	37.50
2¼"	8.00	75.00
DOUBLE PETUNIAS—Rosalia, World Beauty, White RC.	6.00	55.00
2¼"	10.00	90.00
IMPATIENS SULTANA—Dwarf varieties, Red, Rose, Pink, White RC.	4.50	42.50
IVIES—Hahn's, Merion Beauty, Star Ivy RC.	4.00	35.00
Maple Queen, Ripple, Gold Dust, Buckley Imp. Glacier, Rochester, Ideal RC	5.00	45.00
Hahn's 2¼"	12.50	120.00
LANTANAS—Radiation, Lady Olivia, Pink Caprice, Golden Plume and White RC.	4.25	40.00
2¼"	11.00	100.00
3"	18.00	175.00
VERBENAS—True Beauty of Oxford, Mayflower Pink, Pride, Royal Purple, Scarlet King, Lavender Glory, White RC. Candystick RC.	4.00	35.00
VINCA VINES—Assorted RC.	4.25	40.00
2¼", 2 pp, Bushy	12.50	110.00

SOURCE 9—F.O.B. INDIANA

	Per 100	Per 1000
ACHYRANTHES—Burgundy, Green and Yellow variegated, R.C.	$4.50	$42.50
2¼"	10.00	97.50
Brilliancy, R.C.	5.00	47.50
2¼"	10.00	97.50
AGERATUM—Imp. Dwarf Riverside, Devon Blue, Dwarf Pink, Dwarf White, R.C.	3.50	30.00
2¼"	10.00	97.50
ARTILLERY PLANT—Upright form. R.C.	3.75	35.00
2¼"	10.00	97.50
ASPARAGUS—Sprengeri, 2 pp. pot, 2"	12.00	120.00
Plumosus, 2¼", 2 pp.	15.00	150.00
BEGONIAS—Pink Chatelaine Supreme, R.C.	6.00	55.00
2¼"	12.00	115.00
BROWALLIA SPECIOSA MAJOR BLUE, R.C.	5.00	47.50
2¼"	12.00	115.00
COLEUS—Butterfly, Brilliancy, Christman Gem, Hollywood Red, Gold Bound, Beckwith Gem (Golden Bedder), Trailing Queen, R.C.	4.00	38.00
2¼"	12.00	115.00
Mixed, R.C.	3.75	35.00
2¼"	10.00	97.50
CUPHEA—Cigar Plant, R.C.	3.75	35.00
2¼"	10.00	97.50
DRACENA—INDIVISA, 2"	12.00	120.00
Peat Pot	15.00	150.00
DUSTY MILLER—Upright form, fern leafed, R.C.	5.00	47.50
2¼"	11.00	100.00
FUCHSIAS—Black Prince, Lord Byron, Rosian Patria, R.C.	5.50	52.50
2¼"	12.00	115.00
Winston Churchill, Hollydale, Pride of Orion, Dwarf Purple, Irwins Giant Pink, Mrs. Marshall, Mixture of at least 6 var. R.C.	6.50	62.50
2¼"	12.00	115.00
Dollar Princess, R.C.	8.00	78.50
2¼"	14.00	135.00
Little Beautys, R.C.	8.00	78.50
2¼"	14.00	135.00
Trailing, Assorted Colors only, R.C.	8.00	78.50
2¼"	14.00	135.00
GYNURA—Velvet Plant, R.C.	10.00	90.00
2¼"	18.00	175.00
IMPATIENS SULTANI—Reds, pinks, salmons, purple, white, R.C.	5.00	47.50
2¼"	12.00	115.00
Mixture of above, R.C.	4.50	42.50
2¼"	10.00	97.50
Dwarf Blaze, Dwarf Salmon, R.C.	6.50	62.50
2¼"	15.00	145.00
LANTANAS—Michael Schmidt, Delica Tissma, Caprice, Lady Olivis, Golden King, Sensation, White, Dwarf Bronze, Radiation, New Red, R.C.	5.00	47.50
2¼"	11.00	110.00
Mixture of above, R.C.	4.50	42.50
2¼"	11.00	110.00
PELARGONIUMS—(10 best kinds mixed), R.C.	10.00	97.50
2¼"	18.00	175.00
VINCA—Variegated, R.C.	5.00	47.50
2"	11.00	110.00
Heavy Plants—2-3 shoots, 2"	13.00	120.00
Heavy Plants—3-5 shoots, 3"	22.50	200.00

25 of a variety at 100 rate—500 of a variety at 1,000 rate

SOURCE 7—F.O.B. OHIO

	Per 100	Per 1000
ACHYRANTHES—Burgundy, Green and Yellow, R.C.	$5.00	$47.50
2¼"	12.00	110.00
AGERATUM—Imp. Dwarf Riverside, R.C.	5.00	47.50
2¼"	12.00	110.00
ALTERNANTHERIA—Rosea Nana, Aurea Nana, Broad Leaf, R.C.	5.00	47.50
2¼"	12.00	110.00
BEGONIAS—DOUBLE—Carlton's Delight, Carlton's Pink, 2¼"	20.00	
DUSTY MILLER—Fern Leaf, R.C.	5.00	47.50
2¼"	12.00	110.00
FUCHSIA—Beverly Hills, Black Prince, Rosian Patria	5.50	52.50
2¼"	12.00	115.00
Dwarf Purple, Hollydale, Irwins Giant Pink, Mrs. Marshall, Pride of Orion, Winston Churchill, Display—Lord Byron, R.C.	6.50	62.50
2¼"	13.00	125.00
HANGING BASKET FUCHSIA—White Most—White, Swingtime—Red, white bell, El Camino—Red, white bell, Uncle Jules Pink, purple bell, R.C	8.00	78.50
2¼"	14.00	135.00
LANTANA—M. Schmidt, Delica tissma, Golden King, Sensation, Alba Perfecta, Lady Oliva, R.C.	6.50	62.50
2¼"	13.00	125.00
VINCA—Major, Highly Varigated, R.C.	6.50	57.50
2¼"	13.00	125.00

50 of a variety at 100 rate—250 of a variety at 1,000 rate
Less than 50 of variety add 2c extra per plant

SOURCE 8—F.O.B. ILLINOIS

	Per 100	Per 1000
AGERATUMS—Imp. Riverside dwarf, Masterpiece, Pink Beauty, Pure White, R.C.	$ 3.50	$ 30.00
2¼"	8.00	75.00
COLEUS—Bright Mixed Colors, R.C.	4.00	35.00
2¼"	8.00	75.00
DAISIES—Imp. Boston Yellow, Nicholson's White, R.C.	7.50	70.00
2¼"	12.50	120.00
DUSTY MILLER—Fern-Leaved, R.C.	5.00	45.00
2¼"	11.00	100.00
FUCHSIAS—Hollydale, Winston Churchill, Pride of Orion, Mrs. Marshall, R.C.	7.00	65.00
2¼"	12.00	120.00
Little Beauty, R.C.	8.00	75.00
2¼"	14.00	135.00
Hanging Basket, Whitemost, Springtime, El Camino R.C.	8.00	75.00
2¼"	14.00	135.00
IMPATIENS—Pure White, Scarlet Red, dwarf Salmon, Rose, Salmon Pink, R.C.	5.25	50.00
2¼"	11.00	100.00
IVY—Hahn's Self Branching, R.C.	4.00	35.00
Improved Glacier, R.C.	5.00	45.00
LANTANAS—Radiation, Caprice, Pure White, Pure Yellow, Tethys R.C.	5.00	45.00
2¼"	11.00	100.00
VERBENAS—Candystick, BEAUTY OF OXFORD, Cerise, Pink, Scarlet, Lavender, Schlossers Pride, Mayflower, Royal Purple, White, R.C.	4.00	35.00
VINCA VINES—Very Highly Colored, R.C.	5.00	45.00
(2 cuttings to pot) 2¼"	11.00	100.00

25 of a variety at 100 rate—500 of a variety at 1,000 rate

VINCA MINOR 2¼" Peat Pots

F.O.B. INDIANA

Clematis

	Per 12 Ea.	Per 100 Ea.
COMPTESSE DE BOUCHARD. Pink, 4-5" 1 yr. pots	$0.55	$0.50
2 yr. loose root	.85	.80
CRIMSON STAR. Bright red, 6-7" 1 yr. pots	.65	.60
ELSA SPAETH. Bright Blue, 6-8" 1 yr. pots	.55	.50
2 yr. loose root	.80	.75
ERNEST MARKHAM. Cerise red, 5-7" 1 yr. pots	.55	.50
2 yr. loose root	.85	.80
GYPSY QUEEN. Jackmanni type, 6-7" 1 yr. pots	.65	.60
HENRYI. Lustrous white, 6-7" 1 yr. pots	.65	.60
HULDINE. Lavender/white, 4-5" 1 yr. pots	.60	.55
JACKMANNI. Velvet purple, 5-6" 1 yr. pots	.60	.55
LORD NEVILLE. Deep plum purple, 5-7" 1 yr. pots	.65	.60
MISS BATEMAN. White, 1 yr. pots	.60	.55
MME LE COULTRE. White, 6-8" 1 yr. pots	.65	.60
MME BARON VEILLARD. Lilac-rose, 5-6" 1 yr. pots	.55	.50
2 yr. loose root	.75	.70
MME EDOUARD ANDRE. Red w/purplish cast, 5-6" 1 yr.	.55	.50
2 yr. loose root	.80	.75
MONTANA RUBENS. Rosey red, 1-2" 1 yr. pots	.55	.50
MRS. CHOLMONDELEY. Lavender blue, 6-8" 1 yr. pots	.55	.50
2 yr. loose root	.85	.80
MRS. P. B. TRUAX. Deep Lavender-blue, 5-7" 1 yr. pots	.55	.50
NELLY MOSER. Pale mauve, 5-7" 1 yr. pots	.60	.55
2 yr. loose root	.85	.80
THE PRESIDENT. Deep dull violet, 6-8" 1 yr. pots	.65	.60
RAMONA. Lavender blue, 6-8" 1 yr. pots	.55	.50
2 yr. loose root	.80	.75
VILLE DE LYON. Carmine-red, 5-7" 1 yr. pots	.55	.50

6 PLANTS @ 12 RATE—25 PLANTS @ 100 RATE
(Min. no less than 6 plants of a variety)

Ground Covers

	Per 100	Per 1000
AJUGA Metallica Crispa 2¼" peat pot	$14.00	$125.00
AJUGA Silver Beauty 2¼" peat pot	16.00	150.00
EUONYMUS Fortunei Coloratus 2¼" clay pot	14.00	130.00
HEDERA HELIX Bulgaria 2¼" peat pot	16.00	150.00
New York Botanical 2¼" peat pot	17.00	160.00
Thorndale 2¼" peat pot	17.00	150.00
Wilsonii 2¼" peat pot	15.00	140.00
PACHYSANDRA Terminalis 2¼" peat pot	14.00	125.00
Silver Edged Var. Spurge 2¼" peat pot	14.00	125.00
VINCA MINOR Common 2¼" peat pot	14.00	125.00
Jekyll's White 2¼" peat pot	16.00	150.00

25 PLANTS @ 100 RATE—250 PLANTS @ 1000 RATE

Gypsophila Babysbreath

	Per 25	Per 100	Per 1000
BRISTOL FAIRY 2¼" Peat Pot	$5.50	$20.00	$187.50
PERFECTA 2¼" Peat Pot	6.25	22.00	200.00
PINK FAIRY 2¼" Peat Pot	6.25	22.00	200.00
1 yr. Field Grown on above 3 varieties	10.00	37.50	

50 of a variety @ 100 rate—250 or more @ 1,000 rate
Minimum order on 2¼"—50 plants

GLOXINIA PLANTS—FOB FLORIDA

Shipped in 2" Bands—50 to the Carton
(Minimum Order—50)

$20.00 per 100 $180.00 per 1000 (250 billed at 1000 rate)

Winter packing—50c extra per case of 50.

*10% additional quantity discount on orders placed at one time for 5,000 or more plants to be shipped over a period not to exceed one (1) year.

FORMULA MIXTURE: This is a well balanced mixture of the best commercial types made up from separate colors. Formula varies slightly with the season, as some varieties are better at one season than at others.

Mixture is approximately as follows:

60% Solid Red Types
10% Solid Blue-Purple Types
15% Red and White Combinations
10% Purple and White Combina tions
5% Solid White

These varieties will mature in 90 to 120 days depending on climate. These seedlings are not to be compared to the common 5 petal varieties such as those from Belgium sources. All strains have flowers of 6 to 8 petals.

INDIVIDUAL COLORS

IMPROVED RED VELVET: Our finest red. Very strong producer of large ruffled cardinal red flowers. Well grown plants of this variety regularly produce 50 to 75 bloom in 5" or 6" pots.

ROYAL VELVET: Very heavy producer of velvety deep purple flowers. Strong growth habit.

NEW CHERRY BELLE: An improved strain that produces up to 100 blooms per plant. Deep cherry red flowers with white border. Very showy and large plants.

PINK PEARL: A new strain with soft rose-red petals around a radiating white center. Produced by inbreeding our older but dependable red and white velvet.

SNOW BIRD: Gigantic pure white flowers of extreme beauty. Strong growing plants with beautiful foliage. Long lasting flowers that open under adverse conditions.

PURPLE CLOUD: Choice plants full of rich purple bloom that have a white center radiating out into the petals to make a pleasing effect.

IMPROVED COLOSSAL HYBRIDS: Super size flowers varying in color from soft rosy pink to red or wine color on beautiful soft foliage—fast maturing plants that hold their blossoms high and erect.

PURPLE BELLE: Deep purple flowers with good white border. A **new strain** not at all like the old Emperor Wilhelm. Heavy plants with lots of buds.

COMPLETE GROWING INSTRUCTIONS SENT WITH EACH SHIPMENT

Hardy Perennials

25 or more of one variety at the 100 rate. No orders for less than 10 of one variety. Packing at cost. Due to cost of handling we cannot accept orders of perennials totaling less than $10.00.

	Per 10	Per 100
AJUGA (Reptans) June. Blue flowers. 6-8	$2.50	$16.00
AQUILEGIA (Calumbine) May-June		
Crimsan Star	2.25	17.50
Long Spurred Blue. 2½-3 ft.	2.00	15.00
McKana Hybrids. Very large flowers in beautiful range of rich colors, long spurs. 3 ft.	2.25	17.50
Mrs. Scatt Elliatt Hybrids. Very long spurred. Mixed colors. 3 ft.	2.00	15.00
ARMERIA (Laucheana) Attractive mound of narrow foliage topped by bright pink flower heads that look like miniature popcorn balls	2.30	17.50
ARTEMISIA (Silver King) Striking silvery foliage. 3 feet. Useful filler for bouquets	2.00	15.00
Silver Maund. Dwarf plant of silvery fernlike foliage making a handsome compact mound about 4 in. high	2.30	17.50
CARNATION GRENADIN Cardinal. Bright Scarlet. 20 inch	2.00	12.00
Cardinal. Bright Scarlet. 20 inch	2.00	12.00
Galden Sun. Golden Yellow 20 inch	2.00	12.00
Innocence. Pure white. 18 inch	2.00	12.00
King of the Blacks. Dark Velvety maroon. 20 inch	2.00	12.00
Rase Queen. A fine pink. 20 inch	2.00	12.00
Fine Mixture	2.00	12.00
CHRYSANTHEMUM MAXIMUM (Shasta Daisy) All Summer.		
Alaska. Large white. 2 ft.	2.00	12.00
Double Fringed Giant. Outstanding new variety. Pure white immense flowers. A mixture of semi-double to double. Beautifully frilly. Tall sturdy stems	2.25	17.50
DELPHINIUM Belladanna. Sky blue. 2-2½ ft.	2.00	15.00
Bellamosa. Deep blue. 2-2½ ft.	2.00	15.00
Blackmare and Langdan. Fine strain of Hybrid. 4-5 ft.	2.00	15.00
Black Knight. Deep blue	2.50	20.00
Galahad. Pure White	2.50	20.00
Giant Pacific Hybrids. The aristocrats of the outdoor garden and so valuable for cut flowers. Immense single and double flowers on giant spikes 5-7 ft. All summer.		
Guinevere. Light pink	2.50	20.00
Raund Table. A superb mixture of the finest shades	2.50	20.00
Summer Skies. Clear blue	2.50	20.00
DIANTHUS Winteri. Its large dollar-size single flowers are borne in great abundance in the most delightful pure colors and each flower has a beautiful carmine ring in the center. 12-18 inches	2.50	20.00
Tiny Rubies. Miniature Carnation. Rose pink flowers on 4-5 inch stems. Green mound. June	2.50	20.00
DICENTRA (Bleeding Heart) Exima. Pink flowers. 15-inch	2.25	17.50
Spectabilis. True old-fashioned variety. Pink. 18-24 inch. June. 4 eyes and up	5.00	40.00
FUNKIA Glauca. Violet flowers. Large blue-gray leaves. 3 ft. Aug.-Sept.	2.50	20.00
Lancifalia. Green foliage. Lilac flowers. 2 ft. Sept.	2.00	15.00
Medio Variegata Blue	3.00	25.00
GAILLARDIA Grandiflora Sun Gad. The best. Entire flower, petals and center, is pure golden-yellow. Straight sturdy 2 ft. stems. Good cut-flower and border plant	2.50	20.00
GRASSES Festuca Glauca (Blue Fescue Grass) Dense tufts of low growing narrow bluish leaves, fine for edgings	2.00	15.00
GYPSOPHILA		
Bristol Fairy. True double. White 2 ft. All summer	5.00	40.00
Pacifica. Clear pink. Fine for cutting. 3 ft. August-September	2.00	15.00
HEUCHERA		
Brezoides. Profuse bloomer. Pink. 1½-2 ft. All summer	2.50	20.00
Pluie De Feu. Lovely coral-red. 1½-2 ft. All summer	2.50	20.00
HIBISCUS Avalon Hybrids. Beautiful strain of giant Mallow, mixed colors. 5 ft. July-August	2.00	15.00
Purity. White	2.50	20.00
IBERIS (Candytuft) Purity. White	2.50	20.00
Sempervirens. White 8 inch. May	2.00	15.00
LAVANDULA VERA (True Sweet Lavender) Beautiful silvery blue-gray foliage year-round forming an attractive bush 12-18 inches high. Lavender blue flower spikes blooming July to September. The entire plant is wonderfully fragrant and the dried blooms are used in lavender bags	2.30	15.00
LIATRIS Kabalt Blue. Finest Liatris and deepest color. New variety with bright, mauve pink flower spikes. Low growing. Very abundant sturdy and full flowered spikes. Earliest to flower. July-August.	2.50	20.00
Spicata. Purple blue flower spikes	2.00	15.00

	Per 10	Per 100
LUPINUS Russell Hybrids. Dazzling spikes solid with flowers in a rich assortment of blue, white, pink and rose colors. 3-4 ft. May-July	$2.25	$17.50
LYTHRUM Morden's Hybrid. A beautiful borderplant with rosy-pink flower-spikes on straight stems 3 ft. high, from July until September	2.75	22.50
MONARDA Cambridge Scarlet	2.00	15.00
Granite Pink. Lovely clear pink that does not fade or discolor. 2 ft., July-Aug.	2.00	15.00
PHLOX DECUSSATA Americon Beauty. A clear deep pink. Very large 3-3½ ft. Midsummer	2.00	16.00
Boulvardier. (New sensation developed by Symons-Jeune) Large florets of rose-violet with darker eye. Very tall with extra large well-formed trusses.	2.50	20.00
Brigadier. Large carmine red	2.50	17.50
B. Symone Jeune. Outstanding new variety. Enormous heads of clear pink with sparkling crimson eyes	2.50	20.00
Caroline Vanderberg. A true lavender-blue. 2½-3 ft. Midsummer	2.00	16.00
Charles Curtis. (True imported from originator in Holland). Very large flowers of intense red. Does not fade in sun or rain	2.50	20.00
Dresden China. (Symons-Jeune introduction). Large exquisite shell-pink florets. Tall-free-flowering and strong grower. Late	2.25	17.50
Everest. (New variety by Symons-Jeune). Purest white with pink eye	3.00	25.00
Fairy's Petticoat. (New variety by Symons-Jeune). A lovely delicate shade of light pink with a deeper pink eye. A sturdy and vigorous grower. 3 ft.	2.50	20.00
Orange. (New from Holland). Exceptionally good. Fine orange heads. 2 ft.	3.00	25.00
Marie Louise. Large pure white	2.50	17.50
Sir John Falstaff. A giant rich salmon-pink Phlox, easy to grow and an outstanding variety	2.25	17.50
Tenor. Deep rose red with a warm scarlet glow. Flowers very early and again in the fall. 2 ft.	2.00	16.00
Thunderbolt. New dazzling brilliant red. Large heads	2.25	17.50
White Admiral. Enormous heads of white flowers. Fragrant prolific blooms. 2-2½ ft. July-August	2.00	16.00
PHLOX SUBULATA. (Creeping Phlax-Moss or Mountoin Pink). Solid carpet of bright little flowers in early spring. Pretty moss-like evergreen foliage. Grows best in sun. Popular for ground cover, borders, walls and rock gardens.		
Atropurpurea. Deep carmine red	2.55	17.50
Blue Emerald. Attractive, light blue flowers in spring and fall. Compact growing habit	2.55	17.50
Emerald Cushion Pink. Long flowering pink. Compact foliage	2.55	17.50
Red Wing. Giant sized florets. Deep crimson	2.55	17.50
White Delight. The purest and largest white. Bright green foliage	2.55	17.50
PLUMBAGO Larpentae. Deep blue flowers. 6 in. All summer	2.25	17.50
PRIMULA (Hardy Primrase). 6-8 inch. April-May.		
Polyontha. Lovely mixture of yellows, reds and rose	2.50	17.50
Veris. A beautiful strain of all shades	2.50	17.50
PYRETHRUM Robinson's Dark Crimsan. Large. Crimson Red	2.25	17.50
Robinson Strain. Finest strain of Painted Daisy. Mixed colors. 1½-2 ft.	2.00	15.00
SALVIA Nemerosa Superba. Purple	3.00	25.00
Acre. Yellow	2.00	15.00
SEDUM Spectabilis Brilliant. Crimson. 10 inch. August	2.50	15.00
Purple Beauty (Dragon Blood)	2.00	15.00
SPIREA Fanal. Brilliant carmine red. 22"	5.00	40.00
Queen Alexandra. Deep rose. 22"	4.00	30.00
Glodstone. Pure white. 24"	4.00	30.00
TRITOMA (Red Hot Paker or Flame Flower)		
Pfitzeri. Orange-scarlet. 2½-3 ft. Aug.-Oct.	2.50	20.00
Primrose Beauty. Yellow	2.50	20.00
White Giant. 3'	2.50	20.00
VALERIANA COCCINEA. Soft pink to purplish-red flowers from June till Oct. 18-24 inches high. Fine blue-green foliage. An excellent border plant	2.00	15.00
VERONICA Blue Champion. Deep indigo blue flowers on tall spikes 24 inches high. Striking	2.50	20.00
Icicle. Lovely pure white spikes on sturdy stems. 18-24 inches. Blooms all summer	2.50	20.00
Incano. Pale blue, silvery foliage. 9 inch. June-July.	2.00	15.00
Minuet. Light pink flower spikes on silvery gray foliage. Most lovely. Blooms in July and August. 15 inches high	2.00	15.00
Sapphire. Indigo Blue	2.00	15.00

Vaughan's Foliage Plants

These listings of foliage plant sources are made for your convenience to eliminate several shipments of one order, as no one source grows a complete listing. Please indicate source when ordering.

Most growers will charge 50c per carton for packing. 25 at 100 rate. 250 at 1000 rate. On all orders for less than $10.00 from one source there will be a service charge of $1.00 except where noted otherwise.

DRACAENA WARNECKI (H-MA)

PHIL. EMERALD QUEEN (D-N)

PHIL. BURGUNDY (D)

SOURCE A—FOB CALIFORNIA

ROOTED CUTTINGS	100	1000
ACORUS VARIEGATED	$ 9.00	$ 80.00
ACUBA JAPONICA	17.00	150.00
ARALIA SIEBOLDI	7.50	65.00
BUXUS Japonica (Boxwood)	7.00	60.00
CISSUS Anartica, large tropical looking leaves	7.50	65.00
CRASSULA Aborescens, R.C.	6.00	50.00
Variegated, R.C.	8.50	75.00
EUONYMOUS MEDIO PICTA (Gold Spot) small leaves bright yellow with green border	8.50	75.00
Alba Marginata—grayish green leaves, white edge	6.50	55.00
Silver Queen—green leaves, white variegation	7.50	65.00
FATSHEDERA Lizei	8.50	75.00
IVY Algerian. Large dark green leaves	4.50	40.00
California. Compact small green fan shaped leaves	6.00	50.00
English. Medium sized leaves	4.00	35.00
Glacier. Small ivory and green variegated	8.50	75.00
Gold Dust. Small golden yellow and green leaves	7.00	60.00
Golden Heart	6.50	55.00
Hahn's Branching. Small green leaves	4.00	35.00
Ripple. Compact, small dark green leaves	5.50	50.00
Shamrock. Small leaves and growth like a Shamrock	7.50	65.00
Sweetheart. Small heart shaped leaves	8.50	75.00
Variegated. Medium sized leaves ivory and green	6.00	50.00
VITIS RHOMBIFOLIA. (Grape Ivy)	7.50	65.00
PITTOSPORUM TOBIRA—Small evergreen shrub 3-6"	7.00	60.00
Variegated	8.50	75.00
PODOCARPUS Transplants	6.00	50.00
SARCOCOCA RUSCIFOLIA. Very dark green, glossy leaves. Stands up very well inside—good for pots or planters	7.50	65.00

SOURCE B—FOB FLORIDA

ROOTED CUTTINGS	100
AGLAONEMA Simplex, 4-8"	$10.00
Commutatum, 4-8"	15.00
DRACAENA Sanderiana	10.00
FICUS DECORA, M.R.L. (500 and up **45.00** per C one shipment) 12-16 lvs.	50.00
NEPHTHYTIS Green Gold, 3-5 lvs	5.00
Emerald Gem, 3-5 lvs	6.00
PEPEROMIA Obtusifolia, 4-6 lvs	5.00
PHILODENDRON Panduraforme, Small 3-5 lvs	8.00
Large 5 lvs. and up	12.50
Pertussum, 4-6 lvs. air layer **Jumbo lvs.**	75.00
SANSEVIERIA,	
Hahnii, Small (PAT. No. 470)	6.00
Hahnii, Medium (PAT No. 470)	8.50
Hahnii, Large (PAT. No. 470)	10.00

2¼" PLASTIC POTS

50 per case	Plants per pot	100
PHILODENDRON Cordatum	2	$18.00
POTHOS Orange Queen	2	18.00

3" PLASTIC POTS

50 per case	Plants per pot	100
CHINESE EVERGREEN	1	$25.00
COMBINATION PLANTS	3	25.00
DRACAENA Sanderiana	1	23.00
NEANTHE Bella Palm	3	23.00
NEPHTHYTIS Emerald Gem	3	23.00
Green Gold	3	23.00
PHILODENDRON Cordatum	3-4	25.00
Panduraeforme	2	25.00
PILEA (Alum. Plant)	3	23.00
POTHOS Orange Queen	3-4	25.00
Marble Queen	3	30.00
SANSEVIERIA Hahnii	1	23.00

4" PLASTIC POTS

25 per case	Plants per pot	100
PHILODENDRON Cordatum	5-6	$45.00
POTHOS Marble Queen	5-6	65.00
Orange Queen	5-6	45.00

5" PLASTIC POTS

16 per case	Plants per pot	100
DIEFFENBACHIA EXOTICA	3	$95.00
PHILODENDRON HASTATUM	2	95.00
Panduraforme	3	95.00
Pertussum	2	95.00

6" PLASTIC POTS

6 per case	Plants per pot	Each
FICUS Decora	1	$1.25
PHILODENDRON		
Pertussum	3	2.00
POTHOS LARGE LEAF	2-3	1.90

(Assorted cases accepted)

TOTEM PLANTS ON FERNWOOD AND BARK

	Size	Pot	Plants Per Case	Price Each
PHILO. Cordatum	12" Fernwood	4" sq.	25	$ .65
Cordatum	18" Fernwood	5" rd.	16	1.00
Hastatum	18" Bark	5" rd.	16	1.00
Panduraeforme	18" Bark	5" rd.	16	1.00
PHILO. Hastatum	24" Bark	6" rd.	6	2.00
Panduraeforme	24" Bark	6" rd.	6	2.00
Pertussum	24" Bark	6" rd.	6	2.00
PHILO. Cordatum	24" Fernwood	6" rd.	6	2.00
PHILO. Hastatum	30" Bark	7" rd.	6	3.50
Pertussum	30" Bark	7" rd.	6	3.50
PHILO. Hastatum	36" Bark	8" rd.	4	4.75
Pertussum	36" Bark	8" rd.	4	4.75
PHILO. Pertussum both sides	48" Bark	10" rd.	3	8.50
Hastatum both sides	48" Bark	10" rd.	3	8.50
ARECA PALMS	4-5'	10" rd.	3	6.50
CHAMAEDORA ERUMPENS	5-6'	3 gal.	3	6.50
PHILO. Selloum		10" rd.	3	6.50

SOURCE C—FOB FLORIDA
PHILODENDRON TOTEM POLES (case lots only)

	Size	Pot	Per Case	Each
Cordatum	30" round on bark	6"	8 in pots	$2.00
Cordatum	40" round on bark	7"	6 in pots	$3.00
Florida	30" one side on bark	6"		
Hastatum	30" one side on bark	6"		
Lacineatum	30" one side on bark	6"	6 in pots	$2.00
Panduraforme	30" one side on bark	6"		
Pertussum	30" one side on bark	6"		
Pertussum	30" one side on bark	7"	6 in pots	$3.50
Florida	36" one side on bark	8"		
Lacineatum	36" one side on bark	8"		
Panduraforme	36" one side on bark	8"	4 in pots	$5.00
Pertussum	36" one side on bark	8"		
Florida	40" one side on bark	9"		
Hastatum	40" one side on bark	9"		
Lacineatum	40" one side on bark	9"	3 in pots	$6.50
Panduraforme	40" one side on bark	9"		
Pertussum	40" one side on bark	9"		
Florida	40" both sides on bark	9"		
Hastatum	40" both sides on bark	9"		
Lacineatum	40" both sides on bark	9"	3 in pots	$7.50
Pertussum	40" both sides on bark	9"		
Philodendron Cordatem		4"-6pp	24	.50
Schismatoglossis		3"	50	.50
		6"-3pp	6	2.00

SOURCE D—($1.00 min. charge on all orders less than $20.00) FOB FLORIDA

PHILODENDRONS	BR for 2½"	3"	4"	6"
Burgundy—New hybrid highly resistant to cold, "shot-gun fungus," and bacterial soft rot. Bronze red petioles, stems and new leaves. Excellent for totems or pots. R.C. .50	...	.60	1.00	$1.75
Cannifalum	.25	.60	1.00	1.50
Crenulatum—New, small split-leaf self header. Egg can				2.50
Emerald Queen—New hybrid Medium-sized hastatum-shaped leaves, very dark green, resistant to "shot-gun" spotting and bacteria. Excellent totem-pole item. R.C. .35	...	2pp .60	.85 2pp	...
Florida—R.C., 2-4 lvs.	.25	2pp .60	.75	...
Lacineatum—R.C., 2-4 lvs.	.25	2pp .60	.75 3pp	...
Pittieri	...	2pp .50	.75 3pp	...
Selloum Type	.15	.40	.75	...
" " Gal. Tin .75—Gal. plastic .85—Egg can 2.50				
Trifalium	...	2pp .50	.75 3pp	...

PHILODENDRONS—B.R. Seedlings: Large leaf varieties for dish gardens, one or more varieties, our choice, 250 minimum order—$150/1,000.

PHILODENDRONS—Tatem-Pales: Includes Florida, Lacineatum, Pertussum, Hastatum hybrids, and a brand new much improved Mandaianum hybrid. A few misc. varieties in limited numbers.
5" plastic, 15" slab—1.00 6", 30" slab—2.00 8", 36" slab—4.50

Burgundy—6", 30" slab—2.50; 8", 36" slab—5.00

PHILODENDRON COLLECTIONS:

#1—20 plants in 4" pots—8 or more species & hybrids	$20.00
#2—35 plants in 3" pots—8 or more species & hybrids	20.00
#3— 9 totems in 5" plastic, 15" slabs—our selection	9.00
#4—10 plants in 6" pots—5 or more species & hybrids	15.00

MISCELLANEOUS:

AGLAONEMA

Pseuda-Bracteatum—Outstanding new introduction. Beautiful variegation on light green foliage. This is the true Pseudo-Bracteatum with white stems and petioles. 4 in., **$1.00;** 6 in. 3pp, **$2.00.**

Treubii—One of the best keepers under dark, adverse conditions.
3 in. full, **60c;** 4 in. full, **$1.00;** 6 in. full, **$2.00.**

CACTI, Thanksgiving—Blooms November through March. R.C., **10c.**
2½ inch plastic unbranched, **35c;** 3 inch plastic branched, **50c.**

DRACAENA

Gracilis (Marginata)—4 in., **$1.00;** 6 in., **$1.50** to **$2.00.**

HOYA CARNOSA Variegata—R.C., **12c;** 2¼ in. plastic, **18c;** 3 in., **25c.**

NEOREGELIA Caralinea "Marechalii"—2¼ in., **75c;** 3 in., **$2.00;** 4 in., **$4.00.**

Marmarata Hybrid. Highly variegated, irregular pink to red markings. B.R. for 4", **$1.00** (50 or more @ **75c**); 4", **$1.50.**

PLATYCERIUM (Staghorn fern)—Standard varieties—Use as a hanging plant. Excellent for mounting on plaques or in baskets.
3 inch, **$1.50** (50 or more @ **$1.25**); 6 inch, **$3.25**; Redwood basket, **$5.00.**
6"x6" cypress plaque **$1.75** (50 or more @ **$1.50**); 12"x12" cypress plaque **$4.00.**

TRADESCANTIA FUSCATA—Recent commercial introduction. Non-vining, rosette shaped, velvety textured, highly colored. Grows under very dark conditions without pulling to light or losing color. R.C., **25c;** 3 inch, **60c.**

TRICHOSPORUM Pulchrum—R.C., **7½c;** 6 inch full pot, **$2.00.**

Splendens—Medium sized waxy leaves, free flowering; bears a pendant head of tubular orange flowers. R.C., **15c;** 2½ inch, **25c;** 6 inch full pot, **$2.00.**

VRIESIA Splendens ("Flaming Sword")—Dark green Bromeliad with dark horizontal bars which appear even on juvenile plants.
2¼ inch plastic, **75c;** 3 inch, **$2.00;** 4 inch, **$4.00.**

On all orders for less than $10.00 fram ane source there will be a service charge af $1.00, except where noted otherwise.

DRACAENA
GODSEFFIANA FLORIDA BEAUTY
(E-G-MA-P-R)

SOURCE D—Continued

FOR GREEN THUMBS, COLLECTORS, AND CARRIAGE TRADE:

ANTHURIUM Andreanum—2¼", **50c;** 3 inch, **75c;** 4 inch, **$1.25.**
DRACAENA Galdieana—4 inch, **$5.00.**
PHILODENDRON
Pertussum, variegated—3 inch, **$1.50;** 4 inch, **$2.50.**
MEDINILLA Magnifica—4 inch, **$2.50.**
RHEKTOPHYLLUM Miriabile—3 inch, **$1.00;** 4 inch, **$1.50.**

BROMELIADS

These extremely versatile, hardy plants are now available in a wide range of varieties and at unbelievably low prices. Plants shipped may not be heavily rooted but will establish rapidly. Root areas may be wrapped with Spagnum or Osmunda and used immediately in pots or on driftwood. Always keep root area moist and center of plant filled with water.

20 plants bare raat 25.00
far 3" or 4"—10 ar mare varieties aur chaice fram varieties listed belaw.

50 plants bare raat 37.50
Nearegelia Marmorata hybrid for 4" or larger

The following plants are for 3" or 4" pots or attaching to driftwood.

AECHMEA		**BILLBERGIA Zebrina**	$1.25
Caudata hyb.	$ .75	**CANISTRUM Lindenii**	1.25
Distichantha	.75	**GUZMANIA Lingulata**	1.25
Fasciata	1.25	**NEOREGELIA**	
Lueddemanniana	.75	**Carcharadan**	.75
"Maginali"	1.25	**Carolinae 'marechalii'**	2.00
Mertensi	.75	**x Marmarata**	1.00
Mexicana	.75	**x Spectabilis**	.75
Nudicaulis	.75	**Zanata**	.75
Orlandiana	.75	**VRIESIA (Flaming Sword)**	
Pubescens	.75	**Splendens Majar**	2.00
Weilbachil x Fasters Favarite	1.25		

Packing Information: Usually, the following are packed per carton:

2 inch—100	5 inch totems—9	Gallon can—6
2½ inch—55	6 inch—8 to 10	Egg can—2
3 inch—35	6 inch totems—6	R.C. 2 to 4 leaves—100 to 150
4 inch—20 to 25	8 inch totems—4	B.R. for 2½ inch—150 to 250
B.R. Bromeliads—50		

PHILODENDRON Florida on bark
(C-D-N)

PHILO. Cordatum on bark
(B-C-MA)

Vaughan's Foliage Plants

SOURCE E—FOB FLORIDA

Packing Charge 50c Per Carton On All Orders Under $62.50.

	100
AGLAOENEMA Commutatum, 2¼", 4-8 lvs.	$25.00
R.C., 4-8"	20.00
Simplex (Chinese Evergreen), 3-5", 3-5 lvs., R.C.	8.75
4-6", 4-6 lvs., R.C.	11.25
5-7", 4-7 lvs., R.C.	15.00
6-8", 5-7 lvs., R.C.	18.75
8-10", 6-8 lvs., R.C.	25.00
12-15", 6-9 lvs., R.C.	35.00
2¼", 3-6 lvs.	15.00
DIEFFENBACHIA Amoena 4" 3-5 lvs.	90.00
R.C., 12-15"	70.00
DIEFFENBACHIA Exotica, R.C., 3" size	30.00
3" 4-6 lvs.	50.00
4", 5-7 lvs.	75.00
Picta R.C., 3" size	20.00
3" 4-8 lvs.	35.00
4" 5-7 lvs.	75.00
Roehrsil, 3", 4-8 lvs.	40.00
R.C., 6-10"	30.00
4", 5-7 lvs.	75.00
DRACAENA FLORIDA BEAUTY, R.C., 2-3 tiers	13.00
Single 2¼", 2 tiers	20.00
3", 2pp	40.00
4", 3pp	75.00
DRACAENA Godseffiana, R.C., 2 tiers	10.00
2¼", 4-6 lvs.	15.00
Sanderiana, R.C., 4-8"	15.00
2¼", 5-8 lvs.	20.00
MARANTA Kerchoveana, R.C., 3-5 lvs.	7.50
2¼", 4-8 lvs.	15.00
3", 2pp.	20.00
4", 3pp.	35.00
MARANTA MOKOYANA 3" pot	75.00
4" pot.	125.00
6" pot.	250.00
NEPHTHYTIS Emerald Gem, R.C., 3-5 lvs.	6.00
2¼", 4-7 lvs.	10.00
3"-3pp	20.00
Green Gold, R.C., 3-5 lvs.	6.00
R.C., 3-5 lvs. (orders 500 & up)	5.50
2¼", 4-7 lvs.	15.00
3"-3pp.	20.00
Imperial White, R.C., 3-5 lvs.	5.50
2-3 lvs.	4.50
2¼", 4-6 lvs.	15.00
3"-3pp.	20.00
PALM Neanthe Bella, 2¼", 3pp.	15.00
Seedling, 2 lvs.	3.50
Seedling, 3-5 lvs.	5.00
Transplants, 4-8 lvs.—July	8.00
PEPEROMIA Marble, R.C., 3-5 lvs.	7.50
Variegata, R.C., 3-5 lvs.	10.00
2¼", 5-8 lvs.	15.00
3"-1pp.	20.00
Obtusifolia, R.C.	6.00
2¼", 5-8 lvs.	10.00
3"-2pp.	20.00
PHILODENDRON Cordatum, R.C., 3-5 lvs.	6.00
R.C., 3-5 lvs. (orders 500 & up)	5.50
R.C., 2-3 lvs.	4.00
2¼", 3-4 plts.	16.00
3", 3pp.	20.00
4", 4pp.	30.00
Florida, 3", 2 plts.	50.00
4", 2 plts	75.00
Rooted Tips, 3-5 lvs.	25.00
Hastatum, 3", 3-5 lvs., 1pp.	50.00
4", 4-6 lvs., 1 pp.	75.00
4"-2pp.	75.00
R.C., 3-5 lvs.	20.00
Panduriforme, 3", 6-8 lvs., 2pp.	50.00
4", 8-12 lvs., 3pp.	75.00
Baby, R.C., 3-5 lvs.	10.00
Med. R.C., 3-5 lvs.	15.00
Pertussum, 3", 4-5 lvs.	50.00
4", 4-6 lvs. 1pp.	75.00
4" doubles, 6-8 lvs.	90.00
R.C., 3-5 lvs. med. large.	40.00
PILEA Cadierei, R.C., 4-7 lvs.	5.00
2¼", 2pp.	15.00
3"-3pp.	20.00
PLANT COMBINATIONS, 3"-3pp.	20.00
PODOCARPUS MAKI 2¼"	10.00
R.C., 4-6" or 6-8"	5.00
POTHOS Wilcoxii, R.C., 3-5 lvs.	6.00
2¼", 4-6 lvs.	10.00
3", 3 plts.	25.00

SOURCE E—Continued

	100		100
SANSEVIERIA Laurentii, 4-6", 2 lvs.	$7.00	3-5 lvs.	$12.50
6-8", 2 lvs.	7.00	3-5 lvs.	12.50
8-12", 2 lvs.	7.00	3-5 lvs.	12.50
12-15", 2 lvs.	7.00	3-5 lvs.	12.50
15-18", 2 lvs.	7.00	3-5 lvs.	12.50
Zeylanica, 4-6", 2 lvs.	4.50	3-5 lvs.	7.00
6-8", 2 lvs.	4.50	3-5 lvs.	7.00
8-12", 2 lvs.	4.50	3-5 lvs.	7.00
12-15", 2 lvs.	4.50	3-5 lvs.	7.00
15-18", 2 lvs.	4.50	3-5 lvs.	7.00
SCHEFFLERA, Seedlings, 4-6 lvs.			5.00
SCINDAPSUS PICTUS, R.C., 2-5 lf.			10.00
4" pot.			75.00

Packing 2¼"—100 per carton 4"—25 per carton 3"—50 per carton

CRYPTHANTHUS
Zebrina (top)
Rosea Picta (G)

TRADESCANTIA FUSCATA (D)

SOURCE G—FOB FLORIDA (carton lots only)

DRACAENA FLORIDA BEAUTY

This sport of Godseffiana is more highly colored than its parent and a faster grower

	Per 100	Per 1000
UNROOTED CUTTINGS (packed 250 per carton)		$ 85.00
ROOTED CUTTINGS 2-3 tiers (100 per ctn.)	$12.00	115.00
2½"—2-3pp (60 per ctn.)	19.00	180.00

CRYPTHANTHUS

Rosea Picta, bare root	$ 8.50	$ 75.00
Zebrina bare root	13.50	125.00

EUONYMOUS

Medio picta, 2¼"	$13.00	$120.00

SOURCE H—FOB FLORIDA

	10	100
DRACAENA Fragrans, U.R.C. small (200 per ctn.)	....	$ 15.00
4" pots	$ 4.50	30.00
8"	Each $2.50	.....
Massangeana		
U.R.C. Small 4-5 lvs. (200 per ctn.)	.....	22.50
U.R.C. Large 8-10 lvs.	.....	25.00
Rooted cuttings, 4-5 lvs. (200 per ctn.)	....	30.00
3" pots	4.75	37.50
4" pots	7.50	65.00
Warneckii, U.R.C. Small 8-10 lvs.	.....	30.00
R.C., 8-10 lvs.	.....	37.50
3" pots	5.50	45.00
4" pots	7.50	65.00
FICUS Decora, M.R.L., Regular 12-16 lvs.	7.00	60.00
M.R.L. Small, 6-10 lvs.	5.00	45.00
4" pots	12.50	100.00
8" pots, 4pp	Each $3.00	....
Elastica, M.R.L., 6-8 lvs.	4.00	35.00
4" pots	5.50	50.00
8" pot, 4pp	Each $3.00	....
Pandurata, M.R.L. (25 per ctn.)	8.00	75.00
4" Pots	12.50	100.00
8" Pots, 4 plants	Each $3.50	.....
PHILODENDRON Monstera, U.R.C. 3-5 lvs. (50 per ctn.)	.....	35.00
R.C., 4-5 lvs., (50 per ctn.)	.....	40.00
M.R.L., 4-6 lvs., (20 per ctn.)	6.00	50.00
4" pots Single	8.00	75.00
6" pots Double	19.00	175.00
8" pots Double	Each $2.50	.....
Hastatum		
U.R.C. Medium 4-5 lvs. (100 per ctn.)	.....	25.00
R.C. Medium 4-5 lvs. (75 per ctn.)	.....	30.00
M.R.L. 6-8 lvs.	6.00	50.00
3"	4.50	40.00
4" Single	8.00	75.00
4" Double	10.00	95.00
6" Specimen	19.00	175.00

SOURCE H—Continued

	10	100
Mandianum, U.R.C., medium 4-5 lvs. (100 per ctn.)	.....	$25.00
R.C., medium (75 per ctn.)	$6.00	30.00
M.R.L. 6-8 lvs	6.00	50.00
3" Pots	4.50	40.00
4" Pots, single	8.00	75.00
4" Pots, double	10.00	95.00
6" Pots, double	19.00	175.00
Panduraeforme, R.C., Baby Pandas (200 per ctn.)	.....	10.00
R.C., medium. (150 per ctn.)	.....	12.50
R.C., large. (150 per ctn.)	.....	15.00
3" Pots, 2 plants	4.50	40.00
4" Pots, 3 plants	8.00	75.00
Pertussum, U.R.C., 3-5 lvs. (50 per ctn.)	.....	35.00
R.C., 4-5 lvs. (50 per ctn.)	.....	40.00
M.R.L. 4-6 lvs	6.00	50.00
4" Pots, single	8.00	75.00
4" Pots, double	10.00	95.00
6" Pots, double ..... Each $1.75	.....	.....
SPATHIPHYLLUM Kochii,		
R.C., 3-5 lvs	1.50	12.50
4" Pots, short	8.50	75.00

PHILODENDRON TOTEM POLES—Large leaved Cypress—1 side

	24"	36"	48"	60"	
Each	2.00	4.00	6.00	9.00	.....

Fernwood—2 sides

Each	2.25	7.50	11.00	.....	.....

PHILODENDRON CORDATUM ON POLES—Cypress—2 sides

Each	2.00	4.00	5.50

Fernwood—2 sides

Each	2.25	4.50	5.75

24"—9 per ctn.; 36"—4 per ctn.; 48"—2 per ctn.; 60"—1 per ctn.

SANSEVIERIA	Approx. Pack	Zeylanica 100	Zeylanica 1000	Laurentii 100	Laurentii 1000
6-9", 2 lvs	275	$6.00	$50.00	$8.50	$75.00
6-9", 2-3 lvs	250	7.00	60.00	9.50	85.00
6-9", 3-4 lvs	200	8.50	70.00	11.00	100.00
9-12", 2 lvs	250	6.50	55.00	9.00	80.00
9-12", 2-3 lvs	225	7.50	65.00	10.00	90.00
9-12", 3-4 lvs	200	9.00	75.00	12.00	110.00
12-15", 2 lvs	225	7.00	60.00	12.00	110.00
12-15", 2-3 lvs	200	8.00	70.00	13.00	120.00
12-15", 3-4 lvs	170	9.50	80.00	14.00	130.00
15-18", 2 lvs	170	7.50	65.00	13.00	120.00
15-18", 2-3 lvs	125	8.50	75.00	14.00	130.00
15-18", 3-4 lvs	125	10.00	85.00	15.00	140.00
18-24", 2 lvs	150	8.50	70.00	13.50	130.00
18-24", 2-3 lvs	125	9.50	80.00	15.00	145.00
18-24", 3-4 lvs	100	11.00	90.00	16.50	160.00

Packing 3"—50 per ctn. 6"—12 per ctn.
4"—25 per ctn. 8"— 4 per ctn.

SOURCE J—FOB FLORIDA

	Each	100
CALAMONDIN ORANGE		
Plastic Can with fruit	$1.75	
3 gal. Lerio can. Height 30-36" with fruit	4.00	
Egg can—Standard—Height 3-4', Top 18"-24"	6.00	
MEYER LEMON		
Egg Can, 24"-30", bushy w/fruit	4.00	
3'-4', Standard Top, 18"-24" w/fruit	6.00	
FICUS-NITIDA, PHILLIPINSIS, BENJAMINA and RUBIGANOSA		
Plantainer, 24-30", Natural growth	1.00	
2 gal., height 24-30", top 12-15"	2.00	
Egg or 3 gal. Lerio, 30-36", top 20-24"	3.00	
48-54", top 20-24"	4.00	
60-66", top 20-24"	5.00	

Larger specimen with single, multiple trunks and odd shapes in larger containers usually available. Photos and prices furnished on request.

PHILODENDRON Selloum. 4" pot—Height 10"-12"—Bushy		65.00
Plantainer—12"-18"—Bushy		90.00
Egg can &/or Lerio can—30"-36"	2.50	
SCHEFFLERA. Plantainer—12"-15"		75.00
Plantainer—18"-24"		100.00

SCHEFFLERA (J-S-U)

PHIL. GUTTIFERUM (MA)

SOURCE J—Continued

	Each	100
STRELITZIA REGINAE		
4" pot, 10"-15" (no flower spikes)		$85.00
Plantainer, 3 years old, 18"-20"	$1.50	
2 gallon can, 5 years old, blooming age	2.50	
Egg Can or 3 gal. Lerio, blooming age		
2 division per container	6.00	

Larger plants available up to 15 Divisions. Add $1.00 for each division above the two (2) division plant. Order by division.

WITH FLOWER SPIKE ADD 50c TO ABOVE PRICES.

LIVISTONIA PALM (Chinese Fan)		
Gallon can 12"-15"	1.25	
3 Gal. Can 24"-30"	3.50	
PHOENIX ROEBELENI PALMS		
2½" pot		25.00
4" pot—10"-12"		75.00
Plantainer—15"-18"—Heavy	1.25	
Egg can—24"-30"—Heavy	3.50	
Egg can—30"-36"—Heavy	4.50	
Egg can—30-36", Two trunks	6.00	
PODOCARPUS MAKI		
2½" pot (cutting grown) 6"-10"		20.00
Plantainer 12"-15", Bushy	1.25	
Plantainer 18"-24", Columnar	1.25	
3 Gal Lerio can Ball Shape, 18" x 18"	3.00	
Height 24"-30", Columnar	3.00	
PITTOSPORUM Tobira Green		
2½" pot		20.00
Plantainer—Fancy, 12"-15"		100.00
3 Gallon Lerio can		
Grade #1—18"-24"	2.50	
Fancy 24"-30", Bushy	3.50	
Semi Standard Height, 36"-42"	4.50	
Tobira Variegated		
Plantainer Grade #1		100.00
Plantainer—Fancy 10"-12"	1.25	

Packing: 2½" pots.....50 plants
4" pots.....24 plants
Plantainer (Gallon)..... 9 plants
3-Gal. Lerio or Egg..... 2 plants
Larger sizes..... 1 plant

Packing Charge: $ .50 per carton on 4" pot through Egg Can
$ .50 each on 7-gallon can.

HASTATUM ON BARK (C-H-MA-N)

CALAMONDIN ORANGE (J-MA-S-V)

PHIL. PERTUSSUM M.R.L. (B-H-W-Z)

Vaughan's Foliage Plants

SOURCE K—F.O.B. CALIFORNIA

CACTI and SUCCULENTS MINIATURE FOLIAGE PLANTS For Dishgardens and Novelty Planting

Collection No.		100	1000
A	**ALL-PURPOSE STANDARD.** Cacti and Succulents; ten or more standard varieties in uniform good selection for general dish garden work or individual 2 to 2½-in pots	$ 6.00	$50.00
B	**ALL-PURPOSE SUPERIOR.** Cacti and Succulents; includes the better, more durable and showier types of Succulents and Cacti, in 15 or more varieties. This is our most favored all around commercial assortment	7.00	60.00
C	**ALL-PURPOSE CHOICE,** Cacti and Succulents; limited to the more valuable, hard Succulents and most desirable Cacti, selected for keeping quality, odd shape and beauty	9.00	80.00
F	**MINIATURES,** Cacti and Succulents for tiny pots and miniature bowls	4.50	35.00
G	**MAMMOTH,** Cacti and Succulents; the Standard assortment in larger sizes; branched, eared and generally showier plants —for larger arrangements or 2½-3-4 inch pots	15.00	
H	**ALL-SUCCULENT ECONOMY,** ten or more varieties, useful and showy—an economical and colorful filler	5.00	40.00
K	**ALL-SUCCULENT FANCY,** the harder, slow-growing and fancy types of Succulents specially selected for best keeping quality, oddity as well as color	8.00	70.00
M	**ALL-CACTUS COMMERCIAL,** mostly Opuntias and Cereus —pad and column types—for a good showing at a low price	6.50	60.00
N	**ALL-CACTUS SELECT,** various types of Cacti from cuttings and seedlings; globular, branched, eared, padded and columnar varieties in best selection	9.50	
P	**SUNSET COLLECTION** for fanciers; fifty named varieties of Cacti and other Succulents such as Euphorbias, Haworthias, Echeverias, etc., and including all leading forms	9.50	
S	**SUB-TROPIC DIXIE ASSORTMENT,** as favoured in New York, small Foliage plants with compatible Succulents and Sansevierias	9.00	77.50
T	**TERRARIUM ASSORTMENT,** Miniature Foliage plants with Succulents suited to Glass Gardens	6.50	
V	**SMALL FOLIAGE PLANT ASSORTMENT.** Usually made up of Billbergias, Variegated Ivy, Philodendron, Peperomia, Boxwood, Cryptanthus, Euonymus or similar plants suitable for Dish Gardens	10.00	87.50
PP	**POTTED PLANT ASSORTMENT,** in 2¼" plastic pots, light-weight planter mix. 10 varieties Cacti and Succulents labeled. Carton lots only	17.00	

SMALL FOLIAGE PLANTS

	100	1000
ARALIA SIEBOLDII	$ 7.50	$65.00
BOXWOOD (Buxus japonica) bushy	8.00	70.00
EUONYMUS Silver Queen, (available summer-fall), rooted cuttings	7.50	65.00
EUONYMUS albo-marginata (available summer-fall), rooted cuttings	7.50	65.00
EUONYMUS Medio-pictus, gold center, rooted cuttings	7.50	65.00
EUONYMUS Assorted	7.50	65.00
FATSHEDERA LIZEI r.c. 3/5 lvs.	8.50	75.00
IVIES:		
Hagenburger's Variegated cuttings	7.50	65.00
Golddust, yellow variegated, smalleaved	8.50	75.00
Glacier, highly variegated white, smalleaved	8.50	75.00
Green California, sturdy branching, smalleaved	6.00	55.00
Green Fan, hard, spread like a fan	7.50	65.00
Hahn's Selfbranching, smalleaved green	5.00	45.00
Jubilee, miniature white variegated	12.50	
Ivies. Assarted varieties	7.50	65.00
LIGUSTRUM lucidum, wax leaf, good keeper	7.50	65.00
PEPEROMIA obtusifolia, var.	10.00	
PHILODENDRON Cordatum r.c.	7.50	65.00
PITTOSPORUM tobira, leaves long, shiny green	7.50	65.00

PHILODENDRON LACINEATUM on bark 2 sides (C)

SOURCE M.A.—FOB FLORIDA

	Per 100	Per 1000
CALAMONDIN ORANGE 6" pots, each **$1.60**		
DRACAENA Flordia Beauty 2½"	$20.00	$180.00
DRACAENA Sanderiana R.C.	16.00	150.00
2½" Pots	22.50	200.00
Warnecki 3" Pots	55.00	500.00
DIEFFENBACHIA PICTA 3" Pots	40.00	375.00
Exotica 3" Pots	45.00	437.50
FICUS Decora M.R.L. 10-16 lvs. (25 per ctn)	50.00	
FITTONIA (White Veined) 3" Pots	27.50	250.00
HOYA Carnosa (Wax Plant) voriegoted 2½" Pots	20.00	187.50
NEPHTHYTIS Green Gold R.C.	5.50	50.00
2½" Pots (2 PPP)	16.00	150.00
3" Pots (3 PPP)	27.50	250.00
Emerald Gem R.C.	5.50	50.00
2½" Pots (2 PPP)	16.00	150.00
NEANTHE Bella (Dwarf Palm) 2½" Pots	19.00	175.00
PEPEROMIA Obtusifolia U.R.C. (Packed 500)	4.00	37.50
2½"	20.00	187.50
PLANT Combinatians 3" Pots (3-4 PPP)	27.50	250.00
PILEA (Dwarf Aluminum) 2½" Pots (2 PPP)	16.00	150.00
PHILODENDRON Cardatum		
R.C. 2-3 Leaf	5.00	43.75
R.C. 3-5 Leaf	5.50	50.00
R.C. 4-6 Leaf	6.50	57.50
2½" Pots (2 PPP)	16.00	150.00
2½" Pots (3 PPP)	19.00	175.00
3" Pots (4 PPP)	27.50	250.00
4" Pots (6 PPP)	45.00	437.50
Panduriaeforme		
R.C. 4-6 Leaves, 12-18" Tall	27.50	250.00
R.C. 3-5 Leaves, 10-14" Tall	20.00	187.50
3" Pots, (2 PPP)	32.50	312.50
4" Pots, (2-3 PPP)	65.00	625.00
Imp. Velvet Leaf (MICANS), 2½" (2 PPP)	20.00	187.50
R.C	7.00	60.00
Guttiferum, 2½" (2 PPP)	27.50	250.00
POTHOS Wilcoxi		
2½" Pots (2 PPP)	16.00	150.00
2½" Pots (3 PPP)	19.00	175.00
3" Pots (4 PPP)	27.50	250.00
4" Pots (6 PPP)	45.00	437.50
Giant Leaf 5" (Summer only), **$1.00 ea.**		
6" (Summer only), **$1.95 ea.**		
Marble Queen		
2½" Pots (2 PPP)	22.50	200.00
3" Pots (3 PPP)	30.00	275.00
SANSEVIERIA Hahni (Rooted Plants)	7.00	62.50
2½" Pots	16.00	150.00
Zeylanica, 2½" Pots	16.00	150.00

PLANTS IN 5 INCH PLASTIC POTS

Packed 12 per case. May be assorted to Carton.

FICUS Decora, 15-18" — **$ .95 ea.**
PHILODENDRON Cardatum Totems (18" Fernwood) — **1.25 ea.**
Guttiferum Totem (18" Fernwood) — **1.25 ea.**
Large Leaf Totems (18" Bark) — **1.25 ea.**
Large leaf varieties as Hastatum, Panda and Pertusum on front and small leaved plants on back of bark.

PLANTS IN 6 INCH PLASTIC POTS

Packed 9 per case.

FICUS Decara, 24-36" — **$1.25 ea.**
PHILODENDRON CORDATUM Totems (24" fernwood) — **1.90 ea.**
Guttiferum Totem (24" fernwood) — **1.90 ea.**
Large Leaf Totems—24" bark — **1.90 ea.**
Large leaf varieties as Panda, Hastatum, Dubia and Pertussum on front. Small leaved Philodendrons on back.

PLANTS IN 7 INCH PLASTIC POTS

Packed 6 per case. May be assorted to Carton.

PHILODENDRON Cordatum Totems (30" Fernwood) — **$3.15 ea.**
Guttiferum Totem (30" Fernwood) — **3.15 ea.**
Large Leaf Totems (30" Bark) — **3.15 ea.**
Large leaf varieties as Panda, Hastatum, Dubia and Pertusum on front and small leaved Philodendrons on back of Bark.
Pertusum 2 Large Plants — **2.40 ea.**

PLANTS IN 8 INCH PLASTIC POTS

Packed 6 per case.

PHILODENDRON CORDATUM Totems (36" Bark) — **$4.40 ea.**
Large Leaf Totems (36" Bark) — **4.40 ea.**
Large leaf varieties such as Pertussum, Panda and Hastatum.

2½ inch, 50 per Cartan—3 inch, 36 per Carton
4 inch, 20 per Carton—6 inch 9 per Carton

Shipments can be made to common points as St. Paul, Minneapolis, Austin, Minn., Milwaukee, Chicago, Detroit, Toledo, Jacksonville, Ill., Indianapolis, Springfield, Ill., South Bend, Elkhart, Ind., Fort Wayne, Louisville, Nashville, Atlanta, Ga., Cleveland, Akron, Canton, Youngstown, Alliance, Pittsburgh, Washington, Pa., Wheeling, W. Va., Charleston, W. Va., Boston, Mass., Providence, R.I., New York City, Albany, N.Y., Buffalo, N.Y., Rochester, Syracuse, and Utica, N.Y., Jersey City, N.J., Philadelphia, Baltimore, Richmond, Va., Hartford, Conn., and other adjacent common points via tropical plant truck carriers resulting in large transportation savings over express.

4" PHILODENDRON Panduriforme (E-H) 3"

AGLAOENENA Commutatum (E)

PHILODENDRON Cordatum Hanging Vine
2¼" (E-N-MA-W-X) 4" (X)

SOURCE N—F.O.B. FLORIDA

	per ctn.	Per 100	Per 1000
PHILODENDRONS: Pertusum, 4" Select 5 leaf min	20	$ 95.00	
4" Double 8 leaf min	20	100.00	
3" 4 leaf minimum	36	50.00	
Floridii, 3" Double	36	55.00	
Panduraforme, 4-6 leaf, R.C. small	100	18.75	
4-6 large leaf R.C.		25.00	
SELLOUM gal. cans		90.00	
EMERALD QUEEN, 3" 4-5 leaf	36	30.00	
Cordatum, R. C., 3-5 leaf A's			$ 55.00
R. C., 3-5 leaf B's		.....	42.50
2½", 3 or more to pot	56	16.25	
17" Totem poles. Round		95.00	
24" Totem poles. Round		155.00	
30" Totem poles. Round		200.00	
36" Totem poles. Round		250.00	
NEPHTHYTIS, Green Gold, 3-5 leaf R. C. (highly colored)		.....	55.00
Emerald Gem R.C.			55.00
POTHOS, Golden, 3-5 leaf R. C.			60.00
2½", 3pp.	56	17.50	
4", 5-6 pp	20	45.00	
17" Totem poles. Round		95.00	
24" Totel poles. Round		155.00	
30" Totem poles. Round		200.00	
36" Totem poles. Round		250.00	
PEPEROMIA, Obtusifolia, 3-5 R. C.		.....	55.00
3-5 U. R. C.		.....	30.00

SOURCE S—F.O.B. FLORIDA

	100	1000
AGLAONEMA PSEUDO BRACTEATUM PEWTER 4" 2 pp.	$75.00	
CALAMONDIN ORANGE 2½" No fruit	20.00	
6" plastican fruited each **$1.50**		
Egg can fruited each **3.00**		
CHAMAEDORA TENELLE 5"	75.00	
DIEFFENBACHIA Exotica, R.C. 4-5 leaves	15.00	
R.C. large	35.00	
3" pot	35.00	
6" pot each **$1.00**		
DRACAEANA Firebrand—Bare root (spring 1963)	18.00	.....
3" pot (spring 1963)	30.00	.....
FICUS DECORA, M.R.L. (33/ctn.) (500 or more **45.00** per 100)	50.00	....
NEANTHE BELLA Palm (500 or more at 1000 rate) Transplants 3-5 lvs.	6.00	50.00
PHILODENDRON		
Dubia, 5" pot, 2 pp	75.00	.....
6" pot, 2 pp	150.00	.....
Hastatum, 5" pot, 2 pp	75.00	.....
6", 3 pp	150.00	.....
Bare root 5-7 lvs.	25.00	
Pertussum, 5" pot, 2 pp	75.00	.....
6" pot, 3 pp	150.00	.....
ASSORTED LARGE LEAF PHILODENDRON ON BARK:		
6" Pots, 24" Packed 9 per carton each **$1.50**		
7" Pots, 30" Packed 6 per carton each **2.50**		
8" Pots, 36" Packed 4 per carton each **3.50**		
10" Pots, 48" Packed 2 per carton each **5.00**		
SCHEFFLERA SEEDLINGS (500 or more at M rate)	6.00	50.00
6" pot, 4 pp	100.00	.....
Egg can each **$3.50**		

Packing—2½"—50 per carton.
3"—50 per ctn., 6"—9 per ctn.
4"—25 per ctn., Egg cans—2 per ctn.
5"—16 per ctn.
6"—11 per ctn.

SOURCE T—F.O.B. TEXAS

	1000
PHILODENDRON Cordatum R.C. 3/5 lvs., #1 SIZE	$50.00
(500 to a carton-approx. 38 lbs./ctn.)	
#2 SIZE R.C. 2/3 lvs.,	37.50
(500 to a carton-approx. 28 lbs./ctn.)	

Minimum shipment 1 carton. Packing charge 50c per carton

SOURCE U—FOB FLORIDA

	Pack	Each	100
PHILODENDRON Pertusum on Bark			
30"— 6" pot 3 to 4 plts.	9	$2.50	
36"— 8" pot 4 plts.	4	4.00	
48"—10" pot 4 plts.	2	6.00	
60"—10" pot 4 plts.	2	8.50	
72"—12" pot 4 plts.	1	13.50	
M.R.L.—3 to 5 lvs.	50		$60.00
Panduraeforme on Bark			
30"—6" pot	9	2.50	
Panduraeforme on Poles			
48"—10" pot 6 to 8 plts.	2	6.00	
36"— 8" pot 6 to 8 plts.	4	4.00	
24"— 6" pot 6 to 8 plts.	9	1.75	
4"—pot 3 plts.	25		75.00
3"—pot 2 to 3 plts.	50		45.00
Baby Panda	150		10.00
Schefflera			
Egg Can—3 plts. 4 to 5 ft.	2	3.50	
Areca Palms			
Egg Can—6 to 8 ft.	Bag	6.00	
Gal Can—3 ft.	7	2.50	
Clusea Rosea			
Egg Can—4 plts. 3 to 4 ft.	2	3.00	
6" pot—2 plts. 12" to 18"	9		75.00
Podocarpus			
Egg Can—4 to 5 ft.	2	4.00	
Mimusops Elengi (Spanish Cherry)			
Egg Can—5 to 6 ft.	Bag	3.50	
Viburnum (Suspensum)			
Egg Can—3 to 4 ft.	2	3.00	
Gal Can—18" to 24"	7	1.50	
Aralia Elegantissima			
4' to 5'	2	5.00	

SOURCE W—FOB FLORIDA

	100	1000
PHILODENDRON Cordatum R.C. #1		
(June, July, August **$55.00**)	$6.50	$60.00
R.C. #2 (June, July, August **$44.00**)	5.00	47.00
2¼" (2 pp)	15.00	
Karstenianum R. T.	25.00	
Micans 2¼" (2 pp)	20.00	
R.C. (Velvet Leaf)	7.00	60.00
Panduraeforme (Fiddle Leaf) Rooted tips	25.00	
3" (2 pp)	50.00	
Pertussum M.R.L. 4 lge. character lvs.	75.00	
DIEFFENBACHIA Picta—Green and "spotted" with white		
—6", 3pp	100.00	
—3"	32.50	
—2¼"	20.00	
Amoena—Large leaved, green with white variegation along veins—3"	75.00	
Roehrsi—Chartreuse base edged with dk. green—3"	40.00	
2¼"	25.00	
Exotica—New-Splashed white—6", 3 pp	100.00	
3"	37.50	
2¼"	20.00	

Shipments can be made to common points as St. Paul, Minneapolis, Austin, Minn., Milwaukee, Chicago, Detroit, Toledo, Jacksonville, Ill., Indianapolis, Springfield, Ill., South Bend, Elkhart, Ind., Fort Wayne, Louisville, Nashville, Atlanta, Ga., Cleveland, Akron, Canton, Youngstown, Alliance, Pittsburgh, Washington, Pa., Wheeling, W. Va., Charleston, W. Va., Boston, Mass., Providence, R.I., New York City, Albany, N.Y., Buffalo, N.Y., Rochester, Syracuse, and Utica, N.Y., Jersey City, N.J., Philadelphia, Baltimore, Richmond, Va., Hartford, Conn., and other adjacent common points via tropical plant truck carriers resulting in large transportation savings over express.

CROTONS—DIEFFENBACHIAS—POTHOS R.C.

The above should not be ordered for shipment from October thru the winter months as they will not stand temperatures below 40°F., unless shipments can be made via Johnny Brown Tropical Carriers.

Vaughan's Foliage Plants

SOURCE V—FOB FLORIDA

	Packing Per ctn.	Each	Per 100
FICUS DECORA, M.R.L., 10-16 lbs. (Single orders of 500 or more $13.00 C)	23		$50.00
FICUS DECORA, Egg Cans—3 ppp		$2.00	
FICUS DOESCHERII, M.R.L. (June until Nov.)	25		60.00
Egg Cans—3 ppp		1.50	
CALAMONDIN ORANGE, Gallon Cans	9	1.75	
NEANTHA BELLA PALMS Trans. (min. order 1 M) 4 or more lvs. **$50.00** per 1000			
Seedlings (min. order1 M) 2-3 lvs. **$25.00** per 1000			
2½", 3 ppp	65		18.00
PITTOSPORUM VARIEGATED, Gal. Cans	9	1.00	
GREEN, Gal. Cans	9	1.00	
PINEAPPLE 4" w/fruit	24	1.00	
5" w/fruit	15	1.50	
6" w/fruit	9	1.75	
PODOCARPUS, Egg Cans—3 ppp	2	5.50	
POTHOS, 3", 3-4 ppp	48		17.50

SOURCE X—FOB FLORIDA (Carton lots only)

	Ctn. Pak	Per 100	Per 1000
FICUS Decora, M.R.L., 10-14 lvs	25	$60.00	
NEPHTHYTIS Emerald Gem 2½", 3 ppp	50	15.00	
PEPEROMIA Obtusifolia Variegata			
R.C.	200	12.00	
2¼"	50	18.00	
PHILODENDRON Cordatum, R.C., #1 3-5 lvs.			
(July-Aug. **$50.00**)	500		$55.00
R.C., #2 3-5 lvs. (July-Aug. **$40.00**)	500		45.00
2½", 3-4 plants per plastic pot	100	18.00	
4", 8-10 vines per pot	24	60.00	

SOURCE P—FOB PUERTO RICO

Foil-grown are like a Mossed Layer. Allow five to six weeks for delivery. While a small inventory of these items are always on hand, you cannot depend on "at once" shipment. We may be just out and in which case there may be a six week delay on foil-grown items.

All shipments are via **AIR FREIGHT** except those going to the Newark area, via Sealand Service, and they must be picked up there.

Name of airport and town and your telephone number must be supplied so you can be notified on arrival.

	Per 100	Per 1000
AGLAONEMA Commutatum U.R.C., 4-6"	$ 7.00	$ 62.50
U.R.C. 6-8"	8.00	75.00
R.C., 4-6"	11.25	100.00
2¼"	11.25	100.00
FOIL GROWN, 4-6"	11.25	100.00
Propagating Cane per foot	15.50	125.00
Simplex (Chinese Evergreen) U.R.C., 4-6"	5.75	50.00
U.R.C. 6-8"	7.00	62.50
8-10"	8.75	75.00
10-12"	10.00	87.50
12-15"	11.25	100.00
Foil Grown 6-8"	10.00	87.50
Propagating Cane per foot	15.50	125.00
ARALIA Balfouriana U.R.C., 7-9"	7.00	62.50
2¼", 1 tip per pot, 7-9"	12.50	112.50
Pennacki U.R.C., 8-12"	25.00	225.00
CRYPTANTHUS Terminalis U.R.C., 4-6"	5.00	43.75
U.R.C. 6-8"	6.25	50.00
8-12"	7.00	62.50
DIEFFENBACHIA Amoena 2¼", 1 tip per pot	43.75	393.75
Arvida (Exotica) U.R.C.	25.00	187.50
Picta U.R.C.	12.00	106.25
Cane	20.00	187.50
DRACAENA Barinquensis U.R.C., 4-6"	8.75	62.50
U.R.C. 6-8"	8.75	62.50
8-12"	8.75	62.50
Godseffiana U.R.C., 2 sets of lvs.	5.00	37.50
U.R.C., 3 sets of lvs.	6.25	50.00
R.C., 2 sets of lvs.	7.50	62.50
R.C., 3 sets of lvs.	8.75	75.00
2¼" 3 tips per pot	13.75	125.00
Marginata, U.R.C., 6-8"	18.75	175.00
U.R.C., 8-12"	22.50	200.00
Massangeana, U.R.C., 8-12"	18.75	168.75
2¼", 1 tip per pot, 8-12"	25.00	225.00
R.C. from cane	21.25	187.50
Sanderana, U.R.C., 2-3"	5.00	37.50
U.R.C., 3-4"	5.00	37.50
4-6"	5.00	37.50
6-8"	5.00	37.50
8-12"	5.00	37.50
12-15" & up	6.25	50.00
R.C., 4-6"	7.50	62.50
6-8"	7.50	62.50
8-12"	7.50	62.50
12-15" & up	8.75	75.00
FOIL GROWN sizes up to 12"	7.50	62.50
sizes 12"-15" & up	8.75	75.00
2¼", 4-6" & 6"-8", 1 tip per pot	8.00	75.00

POTTED PINEAPPLE WITH FRUIT (V)

SOURCE P—FOB PUERTO RICO—Continued

	100	1000
Warneckii, U.R.C., 6-8"	$17.00	$150.00
U.R.C., 8-12"	20.50	175.00
12-15"	22.50	200.00
15-18"	28.75	250.00
R.C., 6-8"	20.50	187.50
8-12"	24.25	212.50
Foil Grown, 6-8"	20.50	187.50
8-12"	24.25	212.50
2¼", 1 tip per pot, 8-12"	28.75	262.50
DRACAENA TOPS: Lord Worlesley, Terminalis, Eugene Andre, Firebrand, Stricta, Grandis, Baptistiand Tricalor	21.25	187.50
DRACAENA CANES: Massangeana, Fragrans, per foot: **$15.00** 100 ft. lots, **$12.50** per foot 300 ft. lots, **$10.00** per foot 500 ft. lots.		
Eugene Andre, Firebrand, Stricta, Grandis, Baptisti, Tricalor, Lord Worlesley, Terminalis, Rufus Scott, and Hawaiian Ti	11.25	87.50
Cut in 3" pieces		40.00
For Totem Pole Material 1¼" diam. cut to length	17.50 per C ft.	
FICUS DECORA, M.R.L., 18" large, 12 lvs. & up	50.00	437.50
small, 8-11 lvs.	37.50	350.00
Pandurata, M.R.L.	37.50	350.00
MARANTA KERCHOVEANA, U.R.C.	6.25	56.25
2¼", 2 tips per pot	13.75	125.00
NEPHTHYTIS Emerald Gem R.C. 3-5 lvs.	4.00	35.70
2¼", 3 tips per pot	10.50	100.00
PHILODENDRON Cordatum, 2¼", 3 tips per pot (May-Aug.)	13.25	120.00
3 tips per pot (Sept-Apr.)	15.00	131.25
Eyes, Small (2,000 min.)		9.25
Medium (2,000 min.)		12.50
Medium up to 40,000 eyes		10.00
Medium-Large		14.25
Large (1,000 min.)		16.25
Hastatum, U.R.C., 8-12", 3 lvs.	18.75	168.75
8-12", 4 lvs.	21.25	187.50
12-15", 4 lvs.	23.75	212.50
M.R.L., 4-6 large lvs.	31.25	287.50
Mandeanum, U.R.C., 8-12", 3 lvs. up	25.00	225.00
M.R.L., 4-6 large lvs.	31.25	287.50
Panduraeforme, U.R.C., 8-12"	12.50	112.50
2½", 3 tips per pot	21.25	187.50
Pertussum, M.R.L., 4-6 character lvs.	56.25	500.00
POTHOS Marble Queen 2¼", 3-4 tips per pot	15.00	137.50
Eyes		12.50
Tri-Color 2¼", 3 tips per pot	15.00	137.50
Eyes		12.50
SANSEVIERIA Compacta, 6-8", 3-5 lvs.	10.00	85.00
6-8" Rosettes	11.25	93.75
8-12", 3-5 lvs.	12.00	100.00
Hahnii, 2-3"	8.00	75.00
4-6"	10.25	100.00
6-8"	17.50	143.75
Laurentii, 6-8", 3-5 lvs.	10.00	85.00
8-12", 3-5 lvs.	10.00	85.00
12-15", 3-5 lvs.	12.00	100.00
15-18", 3-5 lvs.	12.50	106.25
18-24", 3-5 lvs.	13.75	112.50
24-36", 3-5 lvs.	15.00	125.00
Zeylanica, 6-8", 3-5 lvs.	5.75	47.00
8-12", 3-5 lvs.	5.75	47.00
12-15", 3-5 lvs.	8.00	53.00
15-18", 3-5 lvs.	8.75	65.50
18-30", 3-5 lvs.	15.00	125.00
SHISMATIGLOTTIS Roebelini, U.R.C., 8-12"	21.25	187.50
2¼"	31.25	250.00
CANE	21.25	200.00

ASPARAGUS PLUMOSUS NANUS OR SPRENGERI

	100	1000
SEEDLINGS (500 of a variety at 1000 rate)	$ 3.50	$ 30.00
2¼-inch	12.00	115.00

AZALEAS
FOR GROWING ON—APRIL-JUNE DELIVERY
KURUME AND PERICAT AND RELATED

ALASKA. White.
CORAL BELL. A beautiful, hose-in-hose pink; blooming early to mid-season.
***CORAL BELL SUPREME** (Pat.) Larger than Coral Bell.
HAHN'S RED. (Mudders Kinstag).
HEXE. Brilliant red and very reliable mid-season to late.
HEXE DE SAFFALARE. Larger than Hexe.
HINODEGIRI. Compact grower, fiery red; blooming quite late.
HINODEGIRI DOUBLE. Dark pink.
MARJORIE ANN. Bright salmon.
PINK SUPREME. Rose-pink sport of Mme. Pericat. Late flowering.
***PRINCESS CAROLINE** (Pat). Hose in hose with petaloids to double. Upper half speckled with bright red, heavy bud set.
***RED WING.** Large fluffy red Pat No. 1159
***SUN VALLEY** (Pat). Hose in hose, pure white. Late.
SNOW. Hose-in-hose, pure white. Compact grower and late flowering.
SWEETHEART SUPREME. Double light salmon-pink, Mid-season to late.

	100	1000
3 inch Peat Pots (This size available November thru June)	$25.00	$200.00
5x6 inch spread	45.00	400.00
6x8 inch spread	60.00	550.00
8x10 inch spread	75.00	700.00
10x12 inch spread	100.00	900.00

Less than 250 plants of one variety take the 100 rate. 250 or more of one variety at 1000 rate.

INDICAS—OWN ROOT

CALIFORNIA SUNSET. Large coppery red and white, early.
CANDYSTICK. Variegated Triumphe form, rose red with white variegation.
CHIMES. A brilliant red flower; strong grower. Early to Midseason.
DR. BERGMAN. Dark pink with darker veins. Midseason.
GLORY OF EASTER. Coral pink sport of J. Haerens. Very large late double.
JEAN HAERENS. Double rose pink. Midseason.
MRS. JOHN HAERENS. White, red picotee edges.
VERVAENEANA. Rose.
VERVAENEANA ALBA. White.
*Coral Bell Supreme, Red Wing, Princess Caroline and Sun Valley. 10c Extra royalty fee.

	100	1000
3 inch Peat Pots (This size available November thru June)	$35.00	$300.00
5-6 inch spread	60.00	550.00
6-8 inch spread	75.00	700.00

Minimum order 25 of one size and variety.

BEGONIAS

	Per 100
CORALLINE LUCERNE (TRUE ANGEL WING), 2¼"	$25.00
GENEVA SCARLET, 2¼", Double Scarlet	25.00
WHITE, 2¼", Double white	25.00
PINK BEAUTY, Double Med. pink	30.00
WESTPORT BEAUTY, 2¼", Double pink	25.00
REX. Mixed Choice Varieties	35.00
FIBROUS ROOTED EVER BLOOMING 2¼-inch. Named Varieties	per 1,000, $120.00 $12.50

BEGONIAS DOUBLE 2¼"—BRONZE FOLIAGE

Carlton Bazaar, Med. pink
Double Carmen, Pink
Fire Fly, Deep red
Pink Camellia, Pink
Red Camellia, Rose red
Robin Hood, Pink
Snowdrop, White
Toanstrone, Med pink

	100
Minimum—50 Plants of any one variety	$30.00
Special collection, Minimum order 100 2¼" plants	25.00

CHRYSANTHEMUMS and CARNATIONS

The production of **CHRYSANTHEMUM,** year around schedules cut flowers and pots, garden varieties plus cultural information are all in Vaughan's Mum Manual. Manual is usually mailed in January.
It also contains a complete listing of **CARNATIONS,** standard varieties, Novelties and Miniatures.

PACHYSANDRA TERMINALIS 2¼" Peat Pots—See page 71

Hydrangeas (For Growing On)

All Prices per 100 Plants
In Units of 25 Per Variety
F.O.B. Dundalk (Baltimore), Md.

		SPRING DELIVERY FOR GROWING ON	
Pot Sizes →		Rooted	3"
Number of Shoots →		Cuttings	1 Shoot
RECENT INTRODUCTION	per 100		
*Merritt's Blue	(M) A Good Blue	$30.00	$55.00
Merritt's Pride	(M) A New Red		
Merritt's Supreme	(M) Deep Pink		
NOVELTIES	per 100		
Red Cap	Red	22.00	45.00
Monte Forte Perle	(M) Carmine Red		
Todi	(M) Dark Pink		
STANDARD VARIETIES	per 100		
*Hamburg	(E) Carmine	18.00	35.00
*Kuhnert	(M) Rose Pink		
*Merveille	(L) Light Red		
*Red Star	(M) Brilliant		
Regula	(E) White		
*Rose Supreme	(M) Rose Pink		
Sister Therese	(M) Best White		
Strafford	(M) Dark Pink		

*These Varieties Blue Easily

Hydrangeas (Dormant Budded)

F.O.B. URBANA, OHIO

DORMANT STOCK FOR EASTER AND MOTHER'S DAY FORCING

	1 cane	2 cane	3 cane	4 cane	5 cane
	4"	5"			
Kuhnert (M), Blues easily	45¢	65¢	80¢	95¢	$1.10
Regula (E), Best white	45¢	65¢	80¢	95¢	$1.10
Red Star (M), Blues easily	45¢	65¢	80¢	95¢	$1.10
Strafford (M), Dark Pink	45¢	65¢	80¢	95¢	$1.10
Mereveille (L), Light Red	45¢	65¢	80¢	95¢	$1.10
Todi (M), Dark Pink	45¢	65¢	80¢	95¢	$1.10

(E) Early; (M) Midseason: (L) Late

F.O.B. KANSAS CITY

CARTON LOTS ONLY—25-4" plants in a carton; 50-3" plants in a carton; 16-5" plants in a carton

		VARIETIES	EACH
4 inch	1 cane	Strafford	.45
4 inch	1 cane	Merveille	.45
4 inch	1 cane	Rose Supreme	.45
3 inch	1 cane	Rose Supreme	.35
4 inch	2 cane	Strafford	.65
4 inch	2 cane	Merveille	.65
4 inch	2 cane	Regula	.65
4 inch	2 cane	Red Star	.65
4 inch	2 cane	Sister Therese	.65
4 inch	2 cane	Rose Supreme	.65
4 inch	3 cane	Strafford	.75
4 inch	3 cane	Merveille	.75
4 inch	3 cane	Regula	.75
4 inch	3 cane	Red Star	.75
4 inch	3 cane	Sister Therese	.75
4 inch	3 cane	Rose Supreme	.75
5 inch	3-5 cane	Strafford	.90
5 inch	3-5 cane	Merveille	.90
5 inch	3-5 cane	Regula	.90
5 inch	3-5 cane	Rose Supreme	.90

We can also supply Dormant budded Hydrangeas F.O.B. Indianapolis, Maryland and Pacific Coast. Write for varieties and price list from closest source.

VAUGHAN'S GERANIUMS

GERANIUM—ROOTED CUTTINGS
F.O.B. LOCAL SOURCES

RED

ABBIE (New). Bright red sport of Olympic.
ANNETTE (New). Brick red seedling developed at U. of Massachusetts.
CHARLOTTE. Olympic sport, vivid scarlet, does not crookneck.
BETTER TIMES. Rose red.
IRENE Brick red.
DARK RED IRENE. Radio red color.
IMP. RICARD. Brick red.
OLYMPIC RED. Clear red.
RADIO RED. Brilliant red.

WHITE

LAYTON'S WHITE **MADONNA** **SPARTAN WHITE**

PINK-SALMON-ROSE

DAWN. Soft salmon pink
ENCHANTRESS FIAT. Soft salmon pink.
GENIE. Celestial rose color.
IRVINGTON BEAUTY. Soft rosy salmon.
PINK CLOUD. Clear pink.
PENNY. Salmon rose.
SALMON IRENE. Rich salmon.
SALMON SUPREME. Clear salmon.
SPRINGTIME. Salmon pink.
WENDY ANN (New). An improved selected Poitevine.

PRICES ON ABOVE: Per 100, **$11.00;** 1000, **$100.00.**

Minimum order 250 cuttings—Not less than 50 of a variety 250 of a single variety at thousand rate

GERANIUMS 2¼″

RED

CHARLOTTE. Olympic sport, vivid scarlet, does not crookneck.
DARK RED IRENE. Radio red color.
PRICES ON ABOVE: Per 100, **$17.00;** 1000, **$160.00.**
ABBIE (New). Bright red sport of Olympic.
ANNETTE (New). Brick red seedling developed at U. of Massachusetts.
BETTER TIMES. Rose Red.
IMP. RICARD. Brick red color.
IRENE. Brick red color.
OLYMPIC RED. Brick red color.
RADIO RED. Brilliant red.
WENDY ANN (New). An improved selected Poitevine.

WHITE

LAYTON'S WHITE **MADONNA** **SPARTAN WHITE**
PRICES ON ABOVE: Per 100, **$16.00;** 1000, **$150.00.**

PINK-SALMON-ROSE

ENCHANTRESS FIAT. Soft salmon pink.
SUSAN. (New) Coral pink.
PRICES ON ABOVE: Per 100, **$17.00;** 1000, **$160.00.**
DAWN. Soft salmon pink.
PINK CLOUD. Clear pink.
GENIE. Celestial rose color.
IRVINGTON BEAUTY. Soft rose.
SALMON IRENE. Rich salmon.
SPRINGTIME. Salmon pink.
PENNY. Salmon rose.
SALMON SUPREME. Dark salmon.
PRICES ON ABOVE: Per 100, **$16.00;** 1000, **$150.00.**

Minimum order 100 plants. Not less than 50 of a variety 50 at the 100 rate—250 of a single variety at the 100 rate

MIKKELSEN'S NEW INTRODUCTIONS

CAROUSEL (Seedling 61638). Outstanding pleasing pink, small foliage, self branching and profuse bloomer. Delicate shade of "charm" pink. Available January 1963.

PINK DUSK (Seedling 60527). Seedling having a color similar to Irvington Beauty with more upright and vigorous habit. Available January 1963.

Prices on above	R.C.	2¼″ Peat Pots
50—200	$27.00	$35.00
250—450	25.75	33.75
500—700	24.50	32.50
750—950	23.25	31.50
1000—Up	22.00	30.00

MIKKELSEN'S "FIRST LADY" SERIES

New shades—Magnificent Bloom—Free of Virus and Bacteria.

JACQUELINE. Bright luminescent red with exceptionally large flower heads. Truly hybrid vigor.

MAMIE. Fiery "bright" red.

BESS. A salmon pink hybrid with a little deeper orange shade than Salmon Supreme but lighter than Salmon Irene.

ELEANOR. A lighter shade of orchid pink than Genie and somewhat smaller flower but more flower heads in bloom at one time.

Prices of "FIRST LADY" Series	R.C.	2¼″ Peat Pots
50—200	$22.00	$30.00
250—450	20.75	28.75
500—700	19.50	27.50
750—950	18.25	26.25
1000—Up	17.00	25.00

GERANIUM CUTTINGS— CALIFORNIA GROWN

PINK

APPLE BLOSSOM. Salmon pink.
CAL. BEAUTY. Light rose-pink.
ENCHANTRESS FIAT. Soft salmon-pink.
MAGNIFICENT. Soft salmon pink.
PINK CLOUD. Clear pink.
SPRINGTIME IRENE. Salmon pink.

DEEP PINK

AVALON BEAUTY. Sport of Pink Fiat.
BEAUTY OF EL SEGUNDO. Dark pink.
FIAT SUPREME. Salmon pink.
GENIE IRENE. Celestial rose color.
IRVINGTON BEAUTY. Soft rose.
PENNY IRENE. Salmon-rose.
PINK FIAT. Salmon-pink.
PINK PHENOMENAL. Rose-pink.

SALMON PINK

IMP. POITEVINE. Soft pinkish salmon.
MADAM LANDRY. Clear salmon.
SALMON IDEAL. Clear salmon.
SALMON IRENE. Rich salmon.
SALMON SUPREME. Dark salmon.

WHITE

MADAM BUCHER. Pure white.
GREGERSEN'S WHITE.
MADONNA.
SNOWBALL. Pure white.

ORANGE

ORANGE RICARD. Scarlet orange.

RED

AVALON RED. Sport of radio red.
BETTER TIMES. Rose red.
BLAZE. Brilliant red.
DARK RED IRENE. Radio red color.
IMP. RED FIAT. Orange-scarlet.
IMP. RICARD. Brick red.
IRENE. Brick red.
OLYMPIC RED. Brick red.
PRIDE OF CAMDEN. Dk. crimson-red.
RADIO RED. Brilliant red.
RED BARNEY. Bright dark-red.
RED FIAT. Orange-scarlet.
RED LANDRY. Brick-red.

PURPLE

SPRINGFIELD VIOLET. Purple-crimson.

FANCY-LEAVED

HAPPY THOUGHTS. Green leaf, bright yellow center.
MADAM LANGUTH. Leaf edged creamy white flowers crimson-red.
SKIES OF ITALY. Leaf bright yellow, chocolate zone.

IVY
rooted cuttings only

CAESAR FRANK. Deep pink.
CHARLES TURNER. Rose pink.
INTENSITY. Bright red.
MRS. BANKS. White with bluish center.

PRICES ON ABOVE CALIFORNIA CUTTINGS	100	1000
Unrooted cuttings	$4.75	$42.50
Calloused cuttings	7.50	70.00
Rooted cuttings	9.00	85.00

Minimum order 1000. All above prices are F.O.B. California

We recommend that all geranium cuttings from the West Coast be shipped via air transportation to nearest airport in your vicinity. Airport to phone buyer on arrival. Your telephone number must be supplied, also name of Airport and town.

POINSETTIA STOCK PLANTS

BARBARA ECKE SUPREME. Pat. No. 1055. Patented variety sold only under patent restrictions. The finest of all pot-plant varieties for the central and northern part of the United States.

ECKE PINK. Blooming and growth habits same as regular Pink but having long bracts similar to the Oak Leaf type, which makes it very desirable.

INDIANAPOLIS RED. Exceptionally fine variety for the southern states. Grows short and stocky.

NEW ECKE WHITE (Pat. No. 1802) Very wide bracts; other features same as Ecke White. Good Quantity. Price $180.00 per 100 field run.

BARBARA ECKE SUPREME — INDIANAPOLIS RED — ECKE WHITE — ECKE PINK—IMPROVED ALBERT ECKE

Per 100: Super Jumbo—**$180.00** #1—**$120.00** #3—**$60.00**
Jumbo— **150.00** #2— **90.00** *#4— **40.00**

RUTH ECKE—OAK LEAF
Per 100 Jumbo—**$180.00** #1—**$150.00** #2—**$120.00**

DOUBLE HENRIETTE ECKE (satisfactory in tropical areas only) and **ST. LOUIS:**
Per 100: #1—**$120.00** #3—**$60.00**
#2— **90.00** *#4— **40.00**

Above prices f.o.b. eastern points of distribution, c/o Railway Express Agency

*All #4 plants should be shipped by Railway Express direct from Encinitas to carry through successfully.

Above prices plus 4c per pound Transportation Charge for cross-country bulk freight to eastern point of distribution. ON ALL ORDERS MAILED AFTER JANUARY 1, 1963, A 10% PACKING CHARGE WILL BE MADE. CHANGES IN ORDERS WILL BE ACCEPTED UNTIL FEBRUARY 1, 1963.

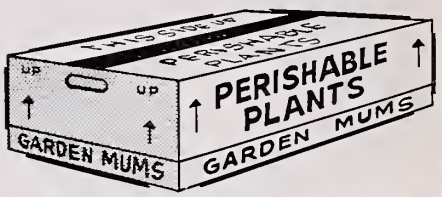
Instant Glamour

Garden Mum Collections

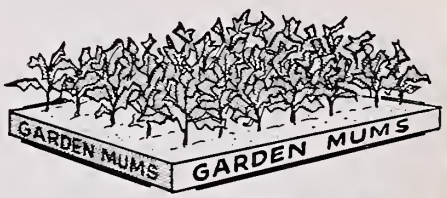
COLOR POSTER FURNISHED FREE

A COLLECTION OF 16 NAMED VARIETIES INCLUDING DAISY AND SPOON TYPES, CUSHION MUMS, POMPONS AND LARGE DECORATIVES.

FREE COLORED DISPLAY FOLDER



Selection of garden mums grown ond shipped in trays of peat pots.



Remove the top of the shipping carton ond your counter display of garden mums is ready.

Collections—Rooted Cuttings (F.O.B. INDIANA)

COLLECTION A—(25 each 16 varieties) 400 cuttings for $32.00.

COLLECTION B—(50 each 16 varieties) 800 cuttings for $60.00.

The cuttings are fine for those having greenhouses or facilities for potting to grow on for resale. Delivery, January thru May. Specify delivery date.

- **GARDEN MUMS in Peat Pots**
- **Grown and shipped in trays—Ready for Display**
- **COLOR POSTER to help sell**

COLLECTION C—200 Garden Mums 1¾" for $30.00.
25 each 8 named varieties balanced assortments.

COLLECTION D—400 Garden Mums 1¾" for $60.00.
25 each 16 named varieties balanced assortments.

COLLECTION E—1000 Garden Mums, 50 each 20 named varieties for $140.00.

These 1¾" peat pot Mum plants are the best way to stimulate spring sales of Garden Mums. No check or transplanting shock as gardener plants pot and all.

Delivery, April thru June 15th. These 1¾" peat pot plants should be ordered early to insure delivery date desired.

DELIVERY DATE MUST BE SPECIFIED

Packaged Perennials

Planting Instructions And 4-Color Pictures

Four Assortments made up of the most popular and better perennials. Each case has 4 plants of 6 different varieties so that it will not be necessary to display more than 2 or 3 cases at one time if space is limited.

ASSORTMENT—1
- 4 Delphinium
- 4 Shasta Daisy
- 4 Canterbury Bells
- 4 Phlox Subulata
- 4 Hardy Pinks
- 4 Lythrum

ASSORTMENT—2
- 4 Delphinium
- 4 Carnations
- 4 Phlox
- 4 Foxglove
- 4 Gaillardia
- 4 Painted Daisy

ASSORTMENT—3
- 4 Double Hollyhock
- 4 Baby's Breath
- 4 Columbine
- 4 Hardy Asters
- 4 Artemisia
- 4 Candytuft

ASSORTMENT—4
- 4 Sweet Williams
- 4 Phlox
- 4 Lupines
- 4 Red Hot Pokers
- 4 Fern Leaf Bleeding Heart
- 4 Veronica

ASSORTMENT—5, Dicentra, Spectabilis, Old Fashioned Bleeding Heart, Special Case, (18 plants per case).

PRICE LIST

Assortments (24 plants per case) (Minimum order 2 cases). . . **$5.00** per case
5 or more cases (24 plants per case) . . . . . **$4.80** per case

GRASS GROWING HEADS, a terra cotta novelty. Natural color. Grooves in heads hold seed. Simple to use. Just soak head in water over night, fill with water and spread the seed very thickly over all the head. In about a week a lovely head of green hair will appear. Can be "crew cut" or styled to suit your fancy. In two sizes complete with seed and directions. **Sold in full cartons only.** F.O.B. Chicago. Extra packets of seed, per dozen 80c.

	Cat. No.	Packed	Wt.	Dealers Cost	Retail
B	**S-1102A**	Sunny Jim Head 24	24 lbs.	**$10.20**	$0.70
A	**S-1102B**	Buddy Head 12	21 lbs.	**S.7S**	0.80

C **S-204 SCOTCH CELLULOSE TAPE TRANSPARENT.** ½ in. wide x 2592 inches, price per can of 2 rolls, $1.84; 12 rolls at $0.83 per roll; 48 rolls per roll $0.76.

S-206 SCOTCH CELLULOSE TAPE DISPENSER. Model C-23, each $3.95.

D **S-988 NO. 105A REVOLVING VOGUE DISPLAY.** A beautiful Lazy Susan type rack that will keep your VOGUE stocks turning—physically and financially! Gay decorator colors. Sturdy modern design. This point-of-sale display will increase dealer turn-over and profits by boosting impulse buying. Shipped complete with 58 best selling VOGUE Flower Holders. Retail Value $55.00; Your cost, $33.00.

BREAKDOWN OF DISPLAY ASSORTMENT No. 105A

ITEM NO.	NO. OF UNITS	ITEM NO.	NO. OF UNITS
1—Pin Type	6	41—Pin Type	8
2—Pin Type	5	51—Aqua Pin Cup	1
3—Pin Type	4	52—Aqua Pin Cup	2
4—Pin Type	2	55—Aqua Pin Cup	1
5—Pin Type	1	65—Pin Type	2
6—Pin Type	2	71—Mesh Type	1
8—Pin Type	2	74—Mesh Type	1
9—Pin Type	2	20—Gift Box Ass't.	1
10—Pin Type	1	82—Floral Clay	12
11—Inter Lock	2	95C Candle Holder set	1
32—Pin Dome	1		
		TOTAL UNITS	58

VOGUE PIN TYPE FLOWER HOLDERS

S-990 All Vogue Flower Holders are constructed of the finest materials with heavy lead alloy bases and needle sharp SOLID BRASS PINS very closely set. HEAVY—RUST-PROOF—NON-CORROSIVE.

No.	Weight Per Doz.	Size of Base Round Style	Price Per Doz.	Retail each
No. 0	2 lbs.	1⅜"	$1.50	$ .25
No. 1	3 lbs.	1⅝"	2.10	.35
No. 2	5 lbs.	2⅛"	5.10	.85
No. 3	6 lbs.	2⅝"	6.90	1.15
No. 4	10 lbs.	3⅛"	8.10	1.35
No. 5	14 lbs.	3⅝"	11.10	1.85
No. 6	20 lbs.	4¼"	16.50	2.75
No. 7	30 lbs.	6"	23.70	3.95

No.	Weight Per Doz.	Oval style	Price Per Doz.	Retail each
No. 8 Oblong	6 lbs.	1⅜" x 3½"	$6.00	$1.00
No. 9 Oval	6½ lbs.	1⅞" x 3½"	6.90	1.15
No. 10 Oval	9 lbs.	2¼" x 4⅜"	10.50	1.75
No. 65 Rect.	9 lbs.	1⅛" x 5"	7.50	1.25

ACE CLIPPER STAPLER MODEL 702

E **S-211** The deep throat, efficiency, and large staple capacity has made these staplers very popular. Ideal for florists. Each $5.50; postpaid, $5.70.

S-210 ACE CLIPPER STAPLES MODEL 700. For use in Model 702 stapling machine. Packed 5000 to a pkg.—pkg. of 5000, for $1.00; 5 pkgs. for $4.50; 20 pkgs. for $15.00. Add postage.

F **S-1122 LEAF-GLOW AEROSOL BOMB.** Original spray for shining leaves. Contents 5 oz. Retails at $1.00 each; carton of 12, $7.20; 16 oz. professional size, retails at $2.25 each; per carton of 12, $15.00. 1 only each $1.35, postpaid $1.60.

G **S-986 VOGUE FLORAL CLAY.** Waterproof—Odorless—Permanently Plastic. Used to anchor flower holders, candles, figurines, dry arranging materials, etc. securely to the bottom of any floral container. Color: Floral Green only. Model 82 display carton of 12—25c size, $1.50; Model 83 I lb. retails at 60c, per carton of 5—1 lb. for $1.50.

PEARL CHIPS

For growing Bulbs in Bowls and Pots.

S-802 PEARL CHIPS, WHITE, for growing Bulbs in bowls at $4.75 per 100 lbs.

S-803 PEARL CHIPS, COLORED, $5.75 per 100 lbs. Write us for prices on larger quantities.

S-800 PEARL CHIPS IN ATTRACTIVE PACKAGES. White Pearl Chips per carton of 36 pkgs., $3.85.

S-801 Colored Pearl Chips per carton of 36 pkgs., $4.10.

S-810A HYACINTH GLASSES (Vases) In crystal shade only. Per carton of 36 vases, $13.75; 3 carton lots at $12.50 per carton. Sold in original cartons only. F.O.B. Chicago.

FLORIST FOIL

S-201 FLORIST-FOIL. Colored aluminum foil used for pot covers, etc. Colored on one side, silver on the other. Rolls 20 inches wide. Colors, violet, silver, gold, green, red, purple, fuchsia, pastel green, pastel blue, and blue. Per 50-ft. roll, $1.15; 10 rolls for $11.00; 25 rolls for $25.00.

S-202 GRAPE LEAF EMBOSSED FLORIST FOIL. In all colors. Rolls 20 inches wide, 50 feet long, each, $1.25; 10 rolls, $12.00; 25 rolls for $28.75.

H S-666 FOLI-GARD

sure does hold moisture . . .

As an antidesiccant, FOLI-GARD offers sure-fire protection against plant dehydration. And when sprayed on leaves and stems, this new foliar antidesiccant prevents plants from wilting or dropping their leaves.

Unlike competitive products, FOLI-GARD is known for its lasting freeze-thaw stability. Here's a new antidesiccant that can be shipped or stored in the coldest weather . . . and though it may freeze, it will never spoil.

Give it a try. FOLI-GARD costs less than half as much as competitive products, yet goes twice as far. It's your best bet for year round use.

With a dilution ratio of 5 to 1, FOLI-GARD offers plant coverage that goes a long, long way. Write for complete information.

1 gal. drum	$ 3.75
5 gal. drum	17.50
55 gal. drum	178.75

F.O.B. Chicago.

J **S-195 FLORALIFE.** Floralife is now so formulated that it achieves TWO-WAY superiority: 1. Works in both "hard" and "soft" waters . . . no need for acids or other additions. 2 Concentrated! Stems never turn black! Water never discolors!

Longer-lasting Floralife fed flowers mean more and better business for all of us. Floralife costs only pennies . . . order YOURS today! FLORALIFE sells on sight at 10c to all flower lovers. A fine profit for you. Packet prices in cartons; 25 2-qt. size, $1.25; 100 2-qt. size, $5.00.

	Packed	Weigh	Price
30-qt. size ($1 retail)	12	9 lbs.	$7.20
100-qt. size ($3 retail)	12	31	21.00
250-qt. drum	6	34	24.00
500-qt. drum	1	12	7.50
1000-qt. drum	1	23	13.50
2000-qt. drum	1	46	25.00

K NEW FLOWER DRI

The easiest and Best Way to dry Flowers. A special blend of 28-200 and 6-16 Tel Tale silica gel. One compound no mixing required. **NEW FLOWER DRI KIT: S-609K** Consists of: 2 lbs. Flower Dri, 90 ft. Floral Tape, 50—12 in. Florist Wire. This is all packed in an attractive metal container for drying flowers.

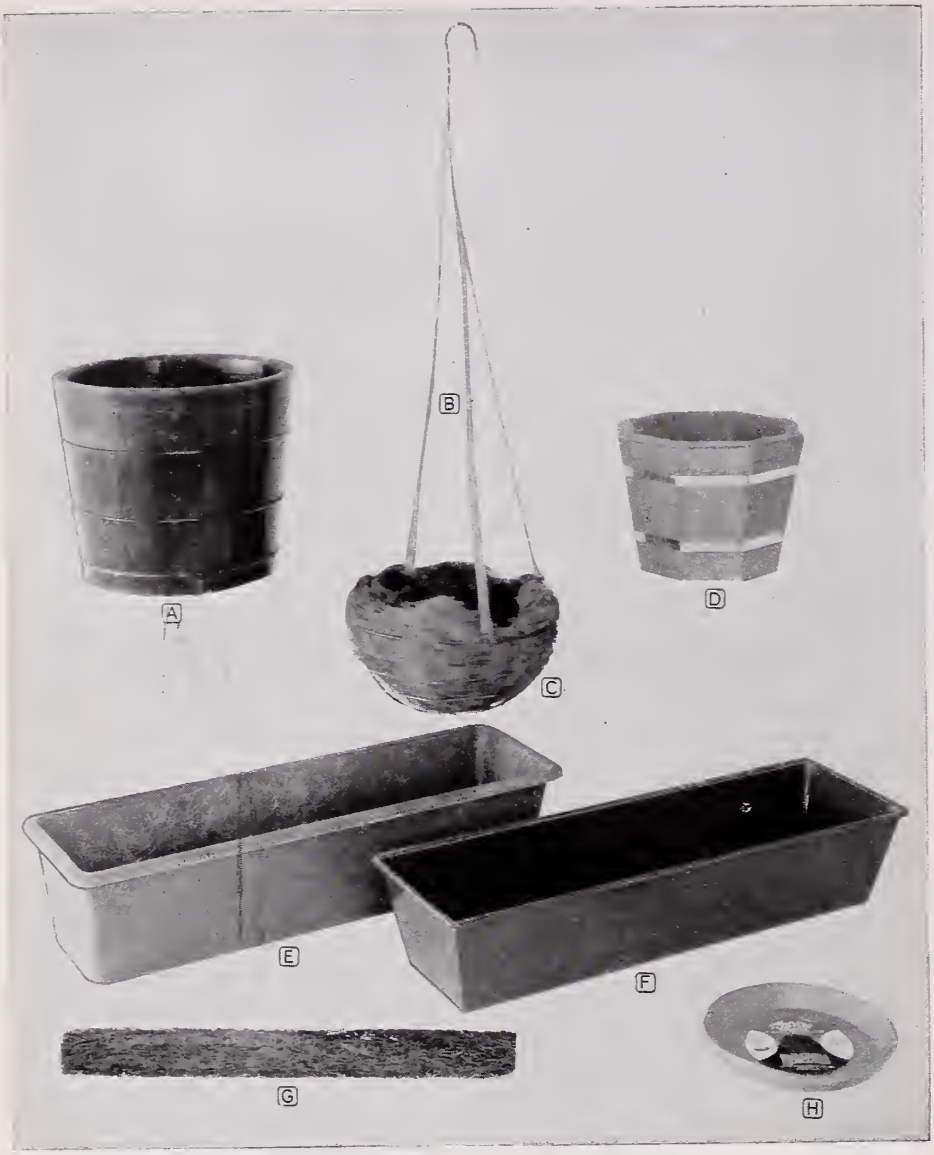
Cat. No.	Size	Packed	Wt.	Dealers Cost	Retail
S-609	1½ lb.	12	19 lbs.	**$21.24**	$2.95
	5 lb.	4	21 lbs.	**16.68**	6.95
S-609K	Kit		6 lbs.	**17.82**	4.95

L **S-665 WILT-PRUF.** The amazing new liquid plastic spray for retarding water loss and wilting in plants. For complete protection of your evergreens, fruit trees and flowering shrubs all year 'round. Prevents injuries caused by windburn, sunburn, sun-scorch and salt spray.

Size	Packed	Wt.	Dealer Cost	Ea.	Retail
8 oz.	12	10 lbs.	**$10.68**	**.98**	$1.49
Pts.	12	16 lbs.	**14.18**	**1.31**	1.98
Qts.	12	33 lbs.	**25.20**	**2.31**	3.50
Gallons	4	43 lbs.	**27.92**	**7.68**	10.75
5 Gal.	1	55 lbs.	**31.50**	**31.50**	45.00
30 Gal.	1	310 lbs.	**170.00**	—	—

S-1045A All rubber cushion pads constructed of solid and sponge rubber with adjustable straps; fit any knee, will not slip during walking. Men's size retail at $2.25; price per pair $1.75; 6 pair for $9.60, postage extra.

S-1045B Ladies size retail at $1.60 price per pair $1.25; 6 pair for $6.60, postage extra.



S-1722 WOOD FLOWER TUBS
F.O.B. Chicago

Ⓐ Securely bound with welded wire hoops. Nicely finished in best green oil paint. Florists find them ready sellers—a substantial yet attractive tub of moderate price. 12 assorted size tubs take dozen rate.

Inside Dimensions	Wt. Each	Price Each	Per Doz.
7 in. x 7 in.	1½	$1.60	$16.35
8 in. x 8 in.	2	1.70	17.55
10 in. x 9 in.	3	2.05	21.85
12 in. x 11 in.	4	2.90	31.10
14 in. x 13 in.	6	4.60	48.75
16 in. x 15 in.	8	5.50	58.35
18 in. x 17 in.	10	7.75	84.00

Ⓑ **S-992 WIRE HANGING BASKETS WITH HANGERS.** Sturdily built for long service. Painted green. Packed 10 to a bundle. **We do not split bundles.**

8 inch	Price per 10 baskets $5.50
10 inch	Price per 10 baskets 6.00
12 inch	Price per 10 baskets 7.00
14 inch	Price per 10 baskets 8.00
16 inch	Price per 10 baskets 10.00

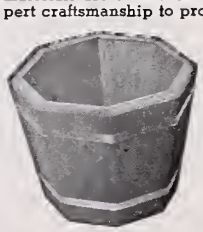
Ⓒ **S-1750 SHEET MOSS GREEN,** Extra fancy large sacks for Windows, Baskets, etc. Per sack, $3.25; 3 sacks, $9.00. FOB Chicago.

S996 WIRE POT HANGERS. Increase your growing space by hanging plants from purlins and other overhead pipes. Hanger will not slip off pot. For either clay pots or plastic pots. Also ideal to sell hanging basket begonias, vines and other plants.

18 inch..Per 100..**$18.00**
24 inch..Per 100.. **24.00**

Ⓓ S-1723 REDWOOD TAPERED OCTAGONAL PLANT TUBS
F.O.B. Chicago

Only the finest quality Redwood, satin brass and finish materials are combined with high style design and expert craftsmanship to produce.



For utility and Beauty in any garden. Rounded top and bottom edges to prevent splintering. Made of well seasoned California redwood. Bound with brass bands. Ventilation under tub.

Model	Inside Dimensions	Packed	Wt. per ctn.	Prices Per Ea.	Ctn.	Retail
O-8	8x 8x 5¾ H	6	15	**$2.00**	**$10.80**	$ 2.98
O-10	10x10x 7 H	6	21	**2.35**	**12.90**	3.59
O-12	12x12x 9 H	6	30	**3.10**	**16.80**	4.69
O-14	14x14x11 H	6	42	**3.85**	**21.00**	5.79
O-16	16x16x13 H	4	36	**5.05**	**18.40**	7.69
O-18	18x18x15 H	4	45	**5.90**	**21.60**	8.98
O-21	21x21x18 H	2	33	**7.90**	**14.40**	11.98
O-24	24x24x21 H	2	41	**9.90**	**18.00**	14.98

Ⓔ **FIBER GLASS FLOWER AND PLANT BOXES.** Molded of Fiber Glass Reinforced Plastic. Features self-drainage (molded ribbed bottom). Guaranteed against leaking, are corrosion proof. Will outlast steel and wooden boxes. No painting is required nor is the surface finish subject to unsightly scratches. Comes in three colors. Grass Green, Black, and White. 7½ inches wide x 5½" deep. **Do not split cortons.**

Cat. No.	Size	Packed	Wt.	Dealers Cost	Retail
S-827	18 in.	6	7 lbs.	**$9.36**	$2.60
	24 in.	6	10 lbs.	**10.98**	3.05
	30 in.	6	13 lbs.	**12.05**	3.45
	36 in.	6	16 lbs.	**14.00**	3.89

Ⓕ ALL STEEL FLOWER and PLANT BOXES

Green enamel finish. They're heavy-duty steel, beautifully embossed with a floral leaf design. Features a built-in drainage plate. Rolled edges (over heavy steel wire) make these boxes extremely sturdy. They're perfect for indoor or outdoor use. Nested to save storage space. 7⅝" wide by 5 inches deep. **We do not split cortons.**

Cat. No.	Size	Packed	Wt. per ctn.	Dealers Cost per ctn.	Retail
S-822	18"	12	22 lbs.	**$ 9.90**	$1.50
	24"	12	25 lbs.	**11.55**	1.75
	30"	6	16 lbs.	**7.20**	2.00
	36"	6	19 lbs.	**9.00**	2.50

Ⓗ **S-995 RUBBER SAUCER ASSORTMENT.** Green only. Made of finest grade unbreakable rubber. They are beautiful and economical. In an attractive display stand consisting of 27 Plantrays listed as follows. Weight per assortment—18 lbs. Display rack and 12 No. 1 Saucers, 9 No. 2, 4 No. 3, and 2 No. 4. Per Ass't Ret. Value $24.90; Dealer price, each **$15.00.**

S-994 RUBBER SAUCER REFILL. Green only. Plant trays (rubber saucers) without display stand. For refilling your display.

	Packed	Wt.	Dealers Cost	Retail
No. 1—Takes up to 6" pot	12	2 lbs.	**$ 2.88**	$0.40
No. 2—Takes up to 8" pot	12	5 lbs.	**5.76**	.80
No. 3—Takes up to 10" pot	12	14 lbs.	**11.52**	1.60
No. 4—Takes up to 12" tub	3	5 lbs.	**5.85**	3.20
No. 5—Takes up to 14" tub	3	8 lbs.	**8.75**	4.75
No. 6—Takes up to 21" tub	3	12 lbs.	**12.15**	6.75

Ⓖ Mexican Fernwood Totem Poles

Size	Sold in case lots only Packed	F.O.B. Brownsville, Texas Per Case	F.O.B. Chicago Per Case
1 x1 x12	288	$18.90	$23.00
1 x1 x16	288	25.90	31.75
1½x1½x16	64	6.50	7.85
1½x1½x18	64	10.00	11.85
2 x2 x18	32	6.90	8.50
2 x2 x24	32	9.60	11.65
2 x2 x30	32	13.40	16.50
2 x2 x36	24	11.50	14.00
2 x2 x48	12	8.65	10.50
3 x3 x48	12	14.40	18.00

Ⓗ FLAT BOTTOM CEMETERY VASE
We do not split cartons.

S-835B No. 2A. Detachable stem. Packed 3 doz. to carton. Price per carton, $5.80; gross, $21.60. Weight per carton, 11 lbs.

Ⓙ CONE SHAPED CEMETERY VASE

S-835A No. 4. 9½ in. deep, 5 in. in diameter at top. Stem or spike is 3 in. long, made of No. 9 gauge steel. Packed 3 doz. to carton, price per carton, $6.00, per gross, $22.50. Weight per carton, 10 lbs.

Ⓚ **PLASTIC CEMETERY VASE Model CV6.** Comes complete with removable plastic plug. Can be used with or without the plug. Will not rust. **Sold in original cortons only.**

Cat. No.	Packed	Wt.	Dealers Cost
S-828	36	9 lbs.	**$6.50**

VAUGHAN'S GREENHOUSE WHEELBARROW

S-1350 Made especially for use in greenhouses between the benches. Dimensions are as follows: Box, 15 in. wide at wheel end; 19½ in. wide at handle end; 11¾ in. deep. The bottom of the box is matched and glued together, and there is no crack against which a shovel might run. The axle is 16 inches wide. Made of best material. Legs reinforced, spread of handles at hand-hold 20 in., which is extreme width of barrow. With Pneumatic Tire, $28.95. F.O.B. Chicago

Val Peat Pot—Polyskin

The POLYSKIN POT introduces a new concept in horticultural containers. Combining the advantages of the peat pot, the clay pot, shipping pot and wooden band, the multi-duty POLYSKIN POT performs with distinction as:

- a plantable growing pot
- a sturdy shipping container
- a merchandising container

The POLYSKIN POT is a regular peat moss pot, with all its advantages, that has been furnished with high durability of a shipping pot by the addition of an outer skin of polyethylene film.

As a result, plants potted in POLYSKIN POTS can be handled easily, shipped safely, over-wintered in cold frames, or benched for a year or longer.

Yet, POLYSKIN POTS retain all the benefits of standard peat pots—roots grow through the pot walls, absorbing nutrients in the process; the Polyskin is removed from the peat moss pot so that transplanting can be accomplished with no shock or root damage.

Because of their sturdiness and high moisture retention, POLYSKIN POTS can be utilized advantageously for virtually all plants which require transplanting.

Recommended Uses

POLYSKIN POTS have proved beneficial when used with:

Nursery stock including evergreens, broadleaf evergreens and flowering shrubs.

Florist crops such as bulbs, pansies and geraniums, Spring Bedding Plant.

Foliage Plants such as philodendron, pothos, ivies, dieffenbachia, Chinese evergreens.

How To Use POLYSKIN POTS

Plants started in POLYSKIN POTS require the same growing technique as plants grown in other peat pots with these exceptions:

- Less frequent watering is needed—because the POLYSKIN POT holds moisture even longer than a standard peat pot. (Small drain holes are cut in the "skin" to insure adequate drainage.)
- The outer "skin" must be peeled off before the plant and peat pot are transplanted. This is done easily by pulling down the tabs provided for this purpose.

Advantages of POLYSKIN POTS

POLYSKIN POTS combine the plus qualities of regular peat pots, shipping pots, clay pots and wooden bands.

POLYSKIN POTS increase the peat pot's durability without decreasing normal root penetration. The space between the pot wall and the "skin" permits adequate root penetration.

- Require less watering.
- Serve a double function: the same pot can be used as a growing pot and as durable, easy-to-handle, lightweight shipping container.
- Allow plants to be benched in the greenhouse for one to two years.
- Allow plants to be over-wintered in cold frames, with the pots retaining their shipability, and resistance to freezing hazards.

Size: Top INSIDE measurement	Pots Per case	Eastern Prices: Price per 1000	Eastern Prices: Price per case	Western Prices: Price Per 1000	Western Prices: Price Per case	Weight Per case
S-1710A 1¾" Square	3000	**$15.10**	**$45.30**	**$15.86**	**$47.58**	37
S-1710B 2¼-in. Round	3000	**16.03**	**48.09**	**16.83**	**50.49**	40
S-1710C 2¼-in. Square	2000	**18.52**	**37.04**	**19.45**	**38.90**	36
S-1710D 3-in. Round	1000	**28.78**	**28.78**	**30.21**	**30.21**	24
S-1710E 3-in. Square	1000	**33.65**	**33.65**	**35.33**	**35.33**	35
S-1710F 4-in. Round Std.	500	**63.50**	**31.75**	**66.68**	**33.34**	35
S-1710G 4-in. Azalea	500	**63.50**	**31.75**	**66.68**	**33.34**	35

For quantity discount and Freight terms, see page 86.

.....VAL-PEAT POTS

THE FINEST PEAT POT

Each year, Val-Peat pots are used by more and more growers. They know that Val-Peat pots year after year give the same uniformly fine performance. This uniformity is due to the blending of two types of peat moss plus high quality wood fibre with the correct amount of fertilizer. All Val-Peat pots are made right here in the United States in one factory under the watchful eyes of experienced personnel. Rigid quality control measures are met from the inspection and testing of raw materials right up to the finished product. Constant checks are made during all phases of production. The final check in greenhouses tests porosity, root penetration and other growth factors. Quality and this reliability are the reasons why more and more growers insist on Val-Peat pots. They recognize quality and uniformity. Val-Peat pots are available in both Lite-Weight, for short term crops and Standard Weight for longer term crops. We say, "a pot to fit every growing need."

Size	Packed		Eastern States **Per 1000 Pots** (Per case) 1–9 cs.	10–24 cs.	25 up	*Western States **Per 1000 Pots** (Per case) 1–9 cs.	10–24 cs.	25 cs. up	Wt. per case
VAL-PEAT POTS—LIGHTWEIGHT No. 10: Made especially for those crops which require a short time between potting to transplanting. The thin wall assures rapid root penetration. Compares best with a Jiffy Pot.									
Size: Top INSIDE measurement	Packed								
S-1705 1¾" Square	3000	per 1000 per case	**7.60 (22.80)**	**7.25 (21.75)**	**6.90 (20.70)**	**7.98 (23.94)**	**7.61 (22.83)**	**7.25 (21.75)**	28 lbs.
S-1705A 2¼" Round	3000	per 1000 per case	**7.95 (23.85)**	**7.60 (22.80)**	**7.25 (21.75)**	**8.35 (25.05)**	**7.98 (23.94)**	**7.61 (22.83)**	35 lbs.
S-1705B 2¼" Square	2000	per 1000 per case	**9.10 (18.20)**	**8.70 (17.40)**	**8.30 (16.60)**	**9.56 (19.12)**	**9.14 (18.28)**	**8.72 (17.44)**	32 lbs.
S-1705C 3" Round	1000	per 1000 per case	**14.00 (14.00)**	**13.35 (13.35)**	**12.70 (12.70)**	**14.70 (14.70)**	**14.02 (14.02)**	**13.34 (13.34)**	22 lbs.
S-1705D 3" Square	1000	per 1000 per case	**16.90 (16.90)**	**16.15 (16.15)**	**15.40 (15.40)**	**17.75 (17.75)**	**16.96 (16.96)**	**16.17 (16.17)**	31 lbs.
VAL-PEAT POTS—STANDARD: Heavier-walled than the LIGHTWEIGHT No. 10, the standard is vitally needed for crops with longer periods of growth in the pot. They are sturdier, have the strength and life to withstand handling without loss.									
Size: Top INSIDE measurement	Packed								
S-1700B 2¼-in. Round	3000	per 1000 per case	**9.12 (27.36)**	**8.69 (26.07)**	**8.27 (24.81)**	**9.58 (28.74)**	**9.12 (27.36)**	**8.68 (26.04)**	39 lbs.
S-1700C 2¼-in. Square	2000	per 1000 per case	**11.45 (22.90)**	**10.87 (21.74)**	**10.34 (20.68)**	**12.02 (24.04)**	**11.41 (22.82)**	**10.86 (21.72)**	37 lbs.
S-1700D 3-in. Round	1000	per 1000 per case	**15.79 (15.79)**	**15.00 (15.00)**	**14.26 (14.26)**	**16.58 (16.58)**	**15.75 (15.75)**	**14.97 (14.97)**	26 lbs.
S-1700E 3-in. Square	1000	per 1000 per case	**20.03 (20.03)**	**19.03 (19.03)**	**18.07 (18.07)**	**21.03 (21.03)**	**19.98 (19.98)**	**18.97 (18.97)**	39 lbs.
S-1700F 4-in. Round Std.	500	per 1000 per case	**31.00 (15.50)**	**29.50 (14.75)**	**28.00 (14.00)**	**32.55 (16.28)**	**30.98 (15.49)**	**29.40 (14.70)**	31 lbs.
S-1700G 4-in. Azalea	500	per 1000 per case	**31.00 (15.50)**	**29.50 (14.75)**	**28.00 (14.00)**	**32.55 (16.28)**	**30.98 (15.49)**	**29.40 (14.70)**	32 lbs.

Quantity Discounts

Orders of $1500.00—2% Discount
Orders of $3000.00—3% Discount
Orders of $4500.00—4% Discount
Orders of $6000.00—5% Discount

Various sizes may be combined to obtain quantity prices.

*Western States include Washington, Oregon, Idaho, California, Utah, Nevada, Arizona, Alaska & Hawaii.

Prices prepaid on all orders weighing 150 lbs. or more in U.S.A. except Hawaii and Alaska.

Combine any Peat Pots with Val Paks, Market-Paks, and Val-Peat Pot Trays to make 150 lbs.

Val Peat Pot Trays

The Modern Profitable Way To Sell Plants In Peat Pots

The trend of buying spring bedding plant and other annuals is on the increase. Your customers want their flowers to bloom earlier and the vegetable to bear fruit earlier. Val-Peat pot trays are the ideal pak in which to grow your peat pot plants. These trays will hold 1¾" Sq., 2¼" Sq. or 3" Sq. Val-Peat pot. Since handling will be minimized we would suggest our Thinline pots.

This tray is made of a durable plastic in an attractive yellow color. A reinforced edge adds strength. Some growers have standardized the growing operation by using these trays both with and without pots. You will be glad you used these trays this season and your customer will be more satisfied with the quality of their plants.

Cat. No.	Style	Tray Holds Following Pots	Quantity	Eastern Prices Per carton	Eastern Prices Per 1000	*Western Prices Per carton	*Western Prices Per 1000	Packed	Wt. per carton
S-1715A	1723	Holds 6 1¾. Val-Pots 6 1/16x4 15/16x2 1/8.	1-2 ctns.	**$24.45**	**$48.90**	**$25.67**	**$51.34**		
			3-20	**22.45**	**44.90**	**23.57**	**47.14**	500	26 lbs.
			21 & up	**19.95**	**39.90**	**20.95**	**41.90**		
S-1715B	1734	Holds 12 1¾ Val-Pots 8 3/16x6 3/16x2 3/16.	1-5 ctns.	**13.78**	**68.90**	**14.47**	**72.35**		
			6-50	**12.78**	**63.90**	**13.42**	**67.10**	200	16 lbs.
			51 & up	**11.78**	**58.90**	**12.37**	**61.85**		
S-1715C	2223	Holds 6 2¼ Val-Pots 8¼x5 5/8x2 3/16.	1-5 ctns.	**11.90**	**59.50**	**12.50**	**62.50**		
			6-50	**11.10**	**55.50**	**11.66**	**58.30**	200	15 lbs.
			51 & up	**10.30**	**51.50**	**10.82**	**54.10**		
S-1715D	3023	Holds 6 3" Val-Pots 10¼x7x3⅛.	1-5 ctns.	**31.98**	**159.90**	**33.58**	**167.90**		
			6-50	**31.18**	**155.90**	**32.74**	**163.70**	200	30 lbs.
			51 & up	**29.98**	**149.90**	**31.48**	**157.40**		

*For Western State & Freight Terms and guaranty discount, see page 86.

S-1735 VAL-PAC ALUMINUM CONTAINER

For growers who prefer aluminum.

Size 5⅝x8x2⅜". Seven ¼" holes provide adequate drainage. The holes are offset for better drainage. The rolled rim adds strength.

Weight: 40 lbs. per 1000

500 F.O.B. Chicago For $27.50

Prepaid prices per 1000

1,000— 4,000 Prepaid per 1,000..... **$54.00**
5,000— 9,000 Prepaid per 1,000..... **53.00**
10,000—24,000 Prepaid per 1,000..... **52.00**
25,000—49,000 Prepaid per 1,000..... **50.00**

Glamour Paks...The Finest Plastic Pak

Why are Glamour Paks the finest?

1. Better material. Only virgin material is used in the Glamour Pak. The plastic has not been reground. Virgin material is more flexible and resists cracking.
2. Better Design. Handles easier and is more pleasing to the eye.
3. Exceptionally practical—Designed by a florist for florists. 3 years of testing and use proved their ruggedness.
4. Better molding. Hold a Glamour Pak up to the light and you will see a uniform color throughout. There are no weak or thin spots.
5. Beautifully colored—a light pleasing green, a color to complement your plants, and make them look richer.
6. More marketable—Trim, attractive, modern Glamour Paks have immeasurably greater sales appeal.

Compare and you will use Glamour Paks—truly the finest.

MODEL 57TS6

6 Paks fastened together giving overall dimension of 14¼x16½x2½. Individual Pak 4⅞x6¼x2½. Fits Standard Grape or Tomato Lug.

MODEL 78TL4

4 Paks fastened together giving overall dimensions of 14x16½x2½. Individual Pak 6½x7¾x2½. Fits Standard Grape or Tomato Lug.

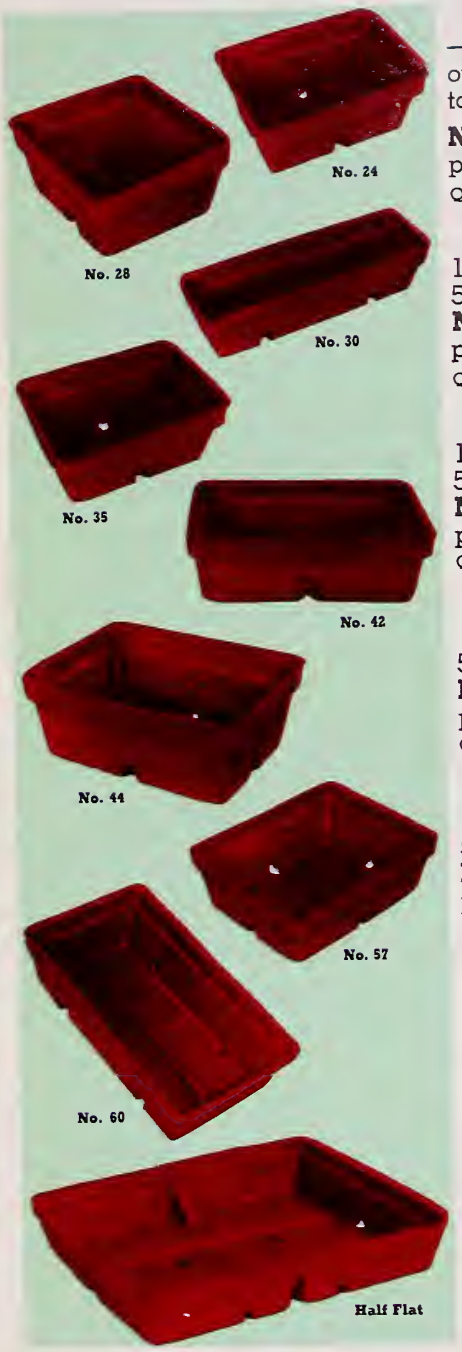
Glamour Paks

Today's Modern Bedding Plant Container

MODEL & SIZE	PAKS Per Case	PREPAID SHIPPED						Wt. per Lb.
		600—2400		3000—8400		9000 up		
		1000	Case	1000	Case	1000	Case	
57S Individual paks measuring 4⅞x6¼x2½	600	**$40.00**	**$24.00**	**$37.50**	**$22.50**	**$35.00**	**$21.00**	19
57TL6 6 Paks fastened together giving overall dimension of 10½x20x2½. Individual pak 4⅞x6¼x2½	600	**40.00**	**24.00**	**37.50**	**22.50**	**35.00**	**21.00**	19
57TS6 6 Paks fastened together giving overall dimension of 14x16½x2½. Individual Pak 4⅞x6¼x2½. Fits Standard Grape or Tomato Lug	600	**40.00**	**24.00**	**37.50**	**22.50**	**35.00**	**21.00**	19
		800—2400		3200—8000		8800 up		
57TS8 8 Paks fastened together giving overall dimension of 13¼x21x2½. Individual Pak 4⅞x6¼x2½	800	**$39.00**	**$31.20**	**$36.00**	**$28.80**	**$32.50**	**$26.00**	22
68S—NEW Individual paks measuring 5½x7¾x2½. The most popular size Bedding Plant Container	800	**42.50**	**34.00**	**40.00**	**32.00**	**37.50**	**30.00**	22
68TS8 8 paks fastened together giving overall dimension of 22x15½x2½. Individual pak 5½x7¾x2½	800	**42.50**	**34.00**	**40.00**	**32.00**	**37.50**	**30.00**	22
		400—2400		2800—8400		8800 up		
78S Individual paks measuring 6½x7¾x2½	400	**$60.00**	**$24.00**	**$55.00**	**$22.00**	**$50.00**	**$20.00**	19
78 TL4 4 Paks fastened together giving overall dimensions of 14x16½x2½. Individual Pak 6½x7¾x2½. Fits Standard Grape or Tomato Lug.	400	**60.00**	**24.00**	**55.00**	**22.00**	**50.00**	**20.00**	19

All Prices Prepaid east of the Rocky Mountains. Add $1.75 per 1000 for delivery west of The Rocky Mountains.

Market Paks — for Modern Merchandising



Ideal containers for growers specializing in seedlings. Strong and durable —hard-pressed wood fiber impregnated with asphalt. Used by growers for over 7 years and are well-known as a quality container. Available in 9 sizes to fit your growing needs.

No. 24 4⅛x5¾x2½ in. Packed 250 per case. Minimum order 250. 17 lbs. per case.

Quantity	Per 1000
250 to 750	$32.80
1000 to 9,750	30.80
10,000 to 49,750	28.80
50,000 UP	26.80

No. 28 5⅛x5½x2¾ in. Packed 250 per case. Minimum order 250. 23 lbs. per case.

Quantity	Per 1000
250 to 750	$40.50
1000 to 9,750	38.50
10,000 to 49,750	36.50
50,000 UP	33.50

No. 30 2⅞x10¼x2⅜ in. Packed 200 per case. Minimum order 200. 17 lbs. per case.

Quantity	Per 1000
200 to 800	$42.70
1,000 to 9,800	40.70
10,000 to 49,800	38.70
50,000 and Up	35.70

No. 35 6⅝x5³⁄₁₆x2¾ in. Packed 200 per case. Minimum order 200. 19 lbs. per case.

Quantity	Per 1000
200 to 800	$45.00
1,000 to 9,800	43.00
10,000 to 49,000	41.00
50,000 UP	38.00

No. 42 5½x7½x2⅜ in. Packed 200 per case. Minimum order 200. 20 lbs. per case.

Quantity	Per 1000
200 to 800	$46.00
1,000 to 9,800	44.00
10,000 to 49,800	42.00
50,000 and Up	39.00

No. 44 5½x7½x2¾ in. This pak can best be described as a deep Market-Pak No. 42. Packed 200 per case. Minimum order 200. 23 lbs. per case.

Quantity	Per 1000
200 to 800	$51.50
1,000 to 9,800	49.50
10,000 to 49,800	47.50
50,000 UP	44.50

No. 57 6¾x8⅜x2¾ in. Packed 200 per case. Minimum order 200. 26 lbs. per case.

Quantity	Per 1000
200 to 800	$74.00
1,000 to 9,800	70.00
10,000 to 49,800	66.00
50,000 and UP	62.00

No. 60 6x10x2⅝ in. Packed 200 per case. Minimum order 200. 28 lbs. per case.

Quantity	Per 1000
200 to 800	$71.00
1,000 to 9,800	67.00
10,000 to 49,800	63.00
50,000 and UP	59.00

Half Flat 10x12x2⅜ in. Packed 200 per case. Minimum order 200. 50 lbs. per case.

Quantity	Per 1000
200 to 400	$120.00
600 to 4,800	110.00
5,000 and UP	100.00

Sizes may be combined for minimum price. Orders for 150 lbs. or more ship Pre-Paid Except in Utah, Washington, Oregon, California, Arizona, Nevada, Idaho, Hawaii, and Alaska. Combine, Market-Paks, Val-Peat Pots and Val-Peat Pot Trays to make 150 lbs.

Money–Saving MULTIPOTS

Produce Better Plants at Lower Cost
Save Labor, Save Soil, Save Space

The Secret of Multipot . . . It's a flexible plastic tray with molded-in, pot-shaped depressions. Plastic is extra smooth for easy plant removal and is water and air-tight to prevent the evaporative cooling of plant roots which can stunt growth. Drain hole in base of each pot. Trays are all 12x22 inches in size and are available with choice of pot sizes from 1¼ inches to 2¾ inches. There are 24 to 100 pots per sheet depending on size of pot. Multipots are completely durable. Use them over and over again; they should last 3 or more years in average service. Unharmed by chemical sterilization.

EASIER TO USE . . .

Simply heap on soil, then . . .

Level off soil with board and . . .

Plant individual cuttings.
And that's all you do.

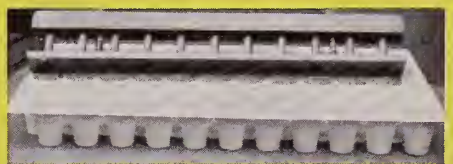
SIZES AND PRICES

S-1721A M-35—100, 1¼-in. Pots per tray
S-1721B M-40— 77, 1½-in. Pots per tray
S-1721C M-50— 54, 2-in. Pots per tray
S-1721D M-70— 27, 2¾-in. Pots per tray

20 Trays per Case Prices (all sizes)

1-9 Cases.....$20.00
10-24 Cases.....17.50
25 Cases Up.....15.00

To make planting even easier and faster, use the Multiple Dibber shown below. Just place it over tray with points in line with pots and press down. Presto! A whole row of holes in the time it ordinarily takes to make one!



S-1074 MULTIPLE DIBBER for each size tray $2.50, Postpaid. **State size.**

Add 5% for delivery in Washington, Oregon, California, Utah, Nevada, Arizona, Idaho, Alaska, and Hawaii.
Prepaid to all states except Alaska and Hawaii.

Plastic Pots—The Modern Pot

Plastic Pots are growing in popularity with more and more growers. Plastic pots are lighter to handle, resist breaking, easier to pack and ship, more eye appealing and in short, make pot crops more profitable. Compare these advantages with your present containers and you too will want to use plastic pots.

	Approximate Dimensions	Pots per Case	Price per Case 1-9 Cases	Utility Color Price per 1,000 1-9 Cases	Utility Color Price per 1,000 10 Cases & Over	Wt. per Case
ROUND POTS						
R-200	2″ x2″	2,000	**$20.00**	**$10.00**	**$ 9.00**	27
R-225	2¼″x2¼″	2,000	**21.50**	**10.75**	**9.70**	34
R-250	2½″x2½″	2,000	**23.00**	**11.50**	**10.35**	36
R-300	3″ x3″	1,000	**15.50**	**15.50**	**13.95**	34
R-400	4″ x4″	500	**14.75**	**29.50**	**26.55**	30
R-500	5″ x5″	300	**18.00**	**60.00**	**54.00**	38
R-600	6″ x6″	120	**11.40**	**95.00**	**85.50**	25
R-700	7″ x7″	72	**11.16**	**155.00**	**139.50**	25
R-800	8″ x7″	100	**20.00**	**200.00**	**180.00**	32
ROUND TUBS or ¾ POTS						
RT-350	3½″x2¾″	1,000	**24.00**	**24.00**	**21.60**	37
RT-400	4″ x2⅞″	500	**14.00**	**28.00**	**25.20**	23
RT-500	5″ x3¾″	400	**22.80**	**57.00**	**51.30**	38
RT-600	6″ x4½″	120	**9.84**	**82.00**	**73.80**	21
SQUARE POTS						
S-225 (2¼″)	2⅛″x2″	2,000	**20.00**	**10.00**	**9.00**	30
S-250 (2½″)	2⅜″x2⅛″	2,000	**25.00**	**12.50**	**11.25**	38
S-300 (3″)	2¾″x2⅜″	1,000	**17.00**	**17.00**	**15.30**	31
S-400	3¾″x3¼″	500	**15.00**	**30.00**	**27.00**	30
SQUARE ROSE POT						
SRP-250	2⅜″x3¼″	1,000	**20.00**	**20.00**	**18.00**	33

All prices per 1,000 F.O.B. Orlando, Florida; South Rockwood, Michigan; Bound Brook, New Jersey and Downers Grove, Illinois. All orders for 100 cartons or more shipped prepaid (freight allowed) East of the Continental Divide. Add 10% to all prices for the following colors: white, red, green and yellow.

S-1730 CLOVERSET POTS. Total of 400 or more pots takes 1000 rate. We Do Not Break Cartons.

SIZES FOR EVERY NEED
Roses, Perennials, Sbrubs and Young Trees

Lasts a full year or more in the sales frame. Contains roots safely within tbe soil ball; permits transplanting any time.

Has adequate bottom opening for good drainage witbout waterlogging; no gravel necessary.
Rests on wide bottom; no blowing over in tbe frames.

Std. Pots	Top Dia.	Height	Quantity Per Carton	Wt. Per 1000	F.O.B. CHICAGO Per Carton	Per 1000
No. 0	5″	5½″	200	210 lbs.	$11.00	$50.00
No. 1	6″	6½″	100	331 lbs.	6.90	59.00
No. 2	7″	9½″	100	520 lbs.	7.90	71.00
No. 3	8″	9″	100	550 lbs.	8.90	76.00
No. 4	12″	13″	Per 100	130 lbs.	Carton	of 25

$8.50; 100 for $29.25; 1,000 for $275.00.

Ⓕ STAPLED WOOD VENEER PLANT BANDS

S-1780 Used by the largest growers for vegetable plants, perennial plants, carnations, snaps and stocks. For transplanting in greenhouse or outdoors. Sold in original cases only.

	F.O.B. CHICAGO 1000 to 9000	10,000 to 49,000	50,000 or more	Witb Bottoms
1¾x1¾x2½	$7.45	$7.35	$7.25	$11.90
2 x2 x2½	7.55	7.45	7.35	12.00
2½x2½x2½	7.90	7.80	7.70	12.35
2 x2 x3	8.20	8.10	8.00	12.50
2½x2½x3	8.40	8.30	8.20	12.95
3 x3 x3	9.00	8.90	8.80	13.30
3 x3 x4	9.25	9.15	9.05	13.90
4 x4 x4	10.45	10.35	10.25	15.50
	F.O.B. DONGOLA, ILL.			
1¾x1¾x2½	$6.20	$6.10	$6.00	$ 9.90
2 x2 x2½	6.30	6.20	6.10	10.00
2½x2½x2½	6.60	6.50	6.40	10.30
2 x2 x3	6.60	6.50	6.40	10.30
2½x2½x3	7.00	6.90	6.80	10.80
3 x3 x3	7.50	7.40	7.30	11.10
3 x3 x4	7.70	7.60	7.50	11.60
4 x4 x4	8.70	8.60	8.50	12.90

Ⓓ S-1785 PANSY BASKETS

	F.O.B. DONGOLA Per 100	Per 500	Per 1000	F.O.B. CHICAGO Per 100	Per 500	Per 1000
1 qt.	$3.60	$17.50	$34.00	$4.30	$21.00	$40.80
2 qt.	4.00	19.50	38.00	4.80	23.40	45.60
3 qt.	4.20	20.50	40.00	5.05	24.60	48.00

Ⓔ BIRD "TOM THUMB" FLATS

F.O.B. Chicago or New York, N.Y.

S-1394 Made of heavy fibre resinous material. Easily set up. Comes in two sizes; No. 1 holds dozen 1¾-inch bands; No. 2 bolds dozen 2-inch bands. You will find tbese ideal for counter sales of bedding or vegetable plants. Prices flats only.

No. 1 Weigbt per 1,000, 220 lbs. per 1,000 . . . **$44.70**
No. 2 Weight per 1,000, 248 lbs. per 1,000 . . . **$49.60**

PERM-A-NEST PLANT TRAYS

For Florists and Home Growers. Easy carrying and ligbtweigbt. Attractive grouping of potted plants with natural watering from tbe bottom. No leakage or mud stains. Made of rugged, sbatterproof, higb-impact polystyrene. For Greenbouse Seed and Bulb Flats. Controlled drainage—drill out drain embossments as desired. No Plant disease from Permanests. Smootb bard surface has no bacteria-biding pores. Wasbable. Easily sterilized with ordinary detergents. **Sold in original cartons only.** Colors: Ligbt Green. **F.O.B. Chicago.**

Cat. No.	Sizes	Quantity per ctn.	Weigbt per ctn.	Cost per ctn.	Retail Eacb
S-818A	4x 8x2½″	36	4 lbs.	$5.67	$ .25
S-818B	8x 8x2¾″	24	7 lbs.	7.35	.49
S-818C	8x12x2¾″	12	4 lbs.	4.43	.59
S-818D	22x11x2¾″	6	7 lbs.	7.43	1.98
S-818E	13x15x3½″	6	7 lbs.	7.43	1.98

Vita-Band D

Ⓖ Vita-Band D Disintegrates in the soil wben transplanted—no need to remove band.

Vita-Band 10

Vita-Band 10 for growing periods of 8 to 10 weeks.

Vita-Band H

Vita-Band H for extra-long growing periods.

ALL PRICES PER 1000 — SOLD IN CASE LOTS ONLY

VITA BAND "D"

	1½x 1½x 2½	1¾x 1¾x 2½	2x 2x 2½	2x 2x 3	2½x 2½x 3	3x 3x 3	4x 4x 3	4x 4x 4
0- 8,000	**$5.20**	**$5.55**	**$5.80**	**$6.50**	**$6.75**	**$7.60**	**$9.90**	**$12.40**
10,000- 24,000	**5.10**	**5.40**	**5.60**	**6.35**	**6.60**	**7.40**	**9.70**	**12.20**
25,000- 48,000	**5.00**	**5.25**	**5.45**	**6.20**	**6.45**	**7.20**	**9.50**	**11.95**
50,000-200,000	**4.85**	**5.15**	**5.35**	**6.05**	**6.30**	**7.05**	**9.35**	**11.60**
202,000-500,000	**4.55**	**4.90**	**5.05**	**5.70**	**5.95**	**6.65**	**8.75**	**11.05**
502,000-Over	**4.45**	**4.80**	**4.95**	**5.55**	**5.85**	**6.50**	**8.55**	**10.75**
Bands Per Case	2000	2000	2000	2000	2000	2000	1000	1000
Wt. Per Case	18	21	23	28	34	40	27	35

VITA BAND "10"

0- 8,000	**$5.05**	**$5.40**	**$5.65**	**$6.20**	**$6.70**	**$7.45**	**$9.65**	**$12.00**
10,000- 24,000	**4.95**	**5.25**	**5.50**	**6.05**	**6.55**	**7.25**	**9.45**	**11.80**
26,000- 48,000	**4.85**	**5.10**	**5.35**	**5.90**	**6.40**	**7.10**	**9.25**	**11.60**
50,000-200,000	**4.65**	**5.00**	**5.25**	**5.70**	**6.25**	**6.90**	**9.00**	**11.25**
202,000-500,000	**4.45**	**4.70**	**4.95**	**5.40**	**5.90**	**6.50**	**8.50**	**10.65**
502,000-Over	**4.35**	**4.60**	**4.85**	**5.30**	**5.80**	**6.40**	**8.35**	**10.40**
Bands Per Case	2000	2000	2000	2000	2000	1000	1000	500
Wt. Per Case	32	36	41	49	61	36	47	32

VITA BAND "H"

0- 8,000	**$6.55**	**$6.95**	**$8.15**	**$8.70**	**$9.15**	**$11.25**	**$13.75**
10,000- 24,000	**6.40**	**6.75**	**7.95**	**8.50**	**8.90**	**11.00**	**13.55**
26,000- 48,000	**6.25**	**6.60**	**7.70**	**8.30**	**8.70**	**10.70**	**13.35**
50,000-200,000	**6.10**	**6.45**	**7.55**	**8.10**	**8.50**	**10.45**	**12.90**
202,000-500,000	**5.75**	**6.10**	**7.15**	**7.65**	**8.05**	**9.85**	**12.25**
502,000-Over	**5.60**	**6.00**	**7.00**	**7.50**	**7.90**	**9.65**	**11.95**
Bands Per Case	1000	1000	1000	1000	1000	500	500
Wt. Per Case	26	30	35	42	50	34	45

Ⓑ **S-1725 BIRD PERENNIAL POTS. Lightweight.** Tbis pot enables you to lengtben your selling season from 3 to 5 montbs. Tbey're rugged—yet ligbtweigbt. Tbey're long-lasting—yet inexpensive. Tbey reacb you completely assembled—witb a solid stapled bottom. Hard coating inside and out adds to tbeir durability. Openings in bottom allow proper drainage.

Bird Perennial Pots are ideal for all kinds of perennials, roses, bulbs, sbrubs. 5″ x 8″ is a mum pan. **Sold in original cartons only.** Total of 600 Pots or more take 1,000 rate. **F.O.B. Chicago, or New York.**

Heigbt	Top dia.	Bottom dia.	Weigbt per 1000	Per case of 200	Per 1000
5 -in.	8-in.	7 -in.	325 lbs.	$14.30	$65.00
5½-in.	5-in.	4 -in.	165 lbs.	10.45	47.50
6½-in.	6-in.	4½-in.	220 lbs.	13.00	58.50
9½-in.	7-in.	5½-in.	355 lbs.	15.00	69.00

Ⓐ **S-1396 BIRD RED PAPER POTS.** Designed for safe, inexpensive shipping. Rugged fibre is strong, yet ligbtweigbt. Inner coating retains moisture—keeps rootballs bealtby for as long as two weeks. Sbipped set-up for speedy potting.

We Do Not Split Cartons

Size, inch	Per ctn. F.O.B. New York or Cbicago	Original ctns. bold	Gross wt. of ctn.
2	$19.80	2,000	20 lbs.
2¼	19.80	2,000	24 lbs.
2½	20.00	2,000	32 lbs.
3	21.10	2,000	44 lbs.
3½	13.90	1,000	32 lbs.
4	16.90	1,000	42 lbs.
5	10.45	500	33 lbs.
6	12.85	500	47 lbs.

S-1452
NEW ULTRAVIOLET RESISTANT POLYETHYLENE FILM

This is the newest glazing film on the market. No other polyethylene film will last as long as this one. This material has been tested for two years in many different sections of the country with outstanding results. If you are presently using this type of greenhouse you will be glad you tried the new Ultraviolet Resistant Polyethylene film. All film shipped flat, no folds. F.O.B. Chicago.

Size	Per Roll	5 Rolls Each	Wt.
3 x 100	**$4.80**	**4.50**	6 lbs.
8 x 100	**12.75**	**11.80**	16 lbs.
10 x 100	**15.90**	**15.00**	21 lbs.
12 x 100	**19.00**	**16.50**	23 lbs.
14 x 100	**22.20**	**21.00**	27 lbs.

CLEAR POLYETHYLENE .004 GA.

BLACK AVAILABLE IN 10 FT., 12 FT., 16 FT., & 20 FT. WIDTHS ONLY.
CAT. NO. **S-1450B**

SIZE	WT. PER ROLL	COST PER ROLL	5 ROLLS EACH
3 ft. x 100 ft.	6 lbs.	**$3.50**	**$3.15**
4 ft. x 100 ft.	8 lbs.	**4.50**	**4.20**
6 ft. x 100 ft.	12 lbs.	**6.55**	**6.20**
8 ft. x 100 ft.	15 lbs.	**8.75**	**8.25**
10 ft. x 100 ft.	19 lbs.	**10.80**	**10.35**
12 ft. x 100 ft.	23 lbs.	**12.90**	**12.35**
14 ft. x 100 ft.	27 lbs.	**14.90**	**14.40**
16 ft. x 100 ft.	31 lbs.	**17.25**	**16.50**
20 ft. x 100 ft.	38 lbs.	**21.70**	**20.70**

CLEAR POLYETHYLENE .006 GA.

BLACK AVAILABLE IN 10, 16 & 20 FT. WIDTHS ONLY.
CAT. NO. **S-1450A**

SIZE	WT. PER ROLL	COST PER ROLL	5 ROLLS EACH
3 ft. x 100 ft.	9 lbs.	**$4.75**	**$4.65**
6 ft. x 100 ft.	17 lbs.	**9.95**	**9.30**
10 ft. x 100 ft.	29 lbs.	**16.00**	**15.45**
12 ft. x 100 ft.	35 lbs.	**19.20**	**18.60**
14 ft. x 100 ft.	41 lbs.	**22.00**	**21.60**
16 ft. x 100 ft.	46 lbs.	**25.25**	**24.75**
20 ft. x 100 ft.	58 lbs.	**31.90**	**30.90**

S-1453 PLASTIC MENDING TAPE, suitable for patching polyethylene. Ideal for patching and mending. This pressure sensitive tape available in rolls 2 inches wide and 100 ft. long.

Each $3.75
12 for 36.00

CUPRINOL WOOD PRESERVATIVE. The amazing full-strength wood preservative that meets all needs—not just a few. 1 gallon covers approx. 400 sq. ft. It's a water repellent, rot preventive, termite repellent, superior undercoat for paint. Prevents swelling, shrinking and warping. Stops dry rot, wood borers, fungus.

S-242 CUPRINOL FOR FLORISTS No. 14. For use around the greenhouse. It is recommended for dip or cold soak treatments. Also for sterilizing flats or the wood in benches where the posts or sides do not allow proper sterilization of the wood, and to kill the fungi or nematodes from the previous crop.

5-gal. drum $11.00
50-gal. drum 88.50

S-240 CUPRINOL GREEN FOR WOOD No. 10. Recommended for general use where the green color is desired. It should be used on wood that will be in contact with water, soil, or masonry. Prevents algae in clay pots.

1-gal. drum ..... $ 4.00
5-gal. drum 17.50
50-gal. drum 140.00

PLASTIC STERILIZING CLOTH

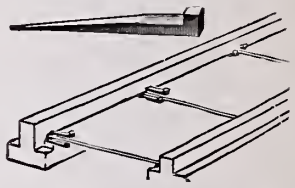
The best available. Clings to the sides of benches. No need to add weights. Can be Electronically sealed to any Dispenser. See V508 below.

G. S. "MASTER" SPRAYER

S-1222 G. S. "MASTER" SPRAYER. For spraying Flowers, Vegetables, Lawns, Trees, Shrubs, Barns, Poultry Houses, Shading Greenhouses, Disinfectants, and a thousand and one other uses. 100% Brass, all parts machined. Equipped with an adjustable nozzle, brass goose neck extension for getting under foliage. Will easily throw a spray stream 35-40 feet, and with a twist of the wrist produce a mist-like spray. Each, $7.75; postpaid $8.35.

S-1223 G. S. "JUNIOR" SPRAYER. An exact take-off of the "Master" except that it is smaller in design. Each $6.35; postpaid $6.85.

S-171A GARLAND WHITE SHADING COMPOUND. 25 lbs. is equivalent to 2 gals. 25 lbs., $5.25; 50 lbs., $9.75; 100 lbs., $17.75; 350 lbs., $52.50. **S-171 green** 3c per lb. higher.



S-165 SIEBERT'S IMPROVED—PURE ZINC. Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out in repairing greenhouse roof. Two sizes, 5/8 and 7/8 in. long, put up in 1-pound packages. Over 1,500 points in 1-lb. pkg. of 5/8 in.; over 1,000 points in 1-lb. pkg. of 7/8 in.

1 lb. ..... $ .95
5 lbs. 4.50
20 lbs. 17.00

S-1840 VINYL FILM F.O.B. OHIO

STOCK No.	GAUGE	DESCRIPTION	STOCK WIDTHS	CUSTOM LENGTHS STOCK ROLLS Less than 1,000 Sq. Ft.	1,000 to 10,000 Sq. Ft.	SIZE	1-5 ROLLS	6 and OVER
				(Price Per Sq. Ft.)				
V-103	3 Mil	**Weatherable Vinyl —Clean**	4½ 6 Ft.	**1.8¢**	**1.7¢**	4½′ x 200′	**$15.30**	**$14.40**
						6 ′ x 200′	**20.40**	**19.20**
V-104	4 Mil	**Weatherable Vinyl —Clear**	4½ 5¼ 6 Ft.	**2.5¢**	**2.4¢**	4½′ x 200′	**21.60**	**20.70**
						5¼′ x 200′	**25.20**	**24.15**
						6 ′ x 200′	**28.80**	**27.60**
V-108	8 Mil	**Weatherable Vinyl —Clear**	4½ 5¼ 6 Ft.	**5¢**	**4.8¢**	4½′ x 100′	**21.60**	**20.70**
						5¼′ x 100′	**25.20**	**24.15**
						6 ′ x 100′	**28.80**	**27.60**
V-204	4 Mil	**Weatherable Vinyl —Diffused Lite**	4½ 5¼ 6 Ft.	**2.5¢**	**2.4¢**	4½′ x 200′	**21.60**	**20.70**
						5¼′ x 200′	**25.20**	**24.15**
						6 ′ x 200′	**28.80**	**27.60**
V-208	8 Mil	**Weatherable Vinyl —Diffused Lite**	4½ 5¼ 6 Ft.	**5¢**	**4.8¢**	4½′ x 100′	**21.60**	**20.70**
						5¼′ x 100′	**25.20**	**24.15**
						6 ′ x 100′	**28.80**	**27.60**
V-508	8 Mil	**Vinyl Sterilization —Caver—Tan** (Soft Formulation)	4½ 6 Ft.	**5¢**	**4.8¢**	4½′ x 100′	**21.60**	**20.70**
						6 ′ x 100′	**28.80**	**27.60**
V-515	15 Mil	**Vinyl Sterilization —Cover—Tan** (Soft Formulation)	4½ 6 Ft.	**9.5¢**	**9¢**	4½′ x 100′	**40.50**	**38.25**
						6 ′ x 100′	**54.00**	**51.00**
V-608	8 Mil	**Vinyl Sterilization Cover—Green** (Stiff Formulation)	4½ 5 6 Ft.	**5¢**	**4.8¢**	4½′ x 100′	**21.60**	**20.70**
						5 ′ x 100′	**24.00**	**23.00**
						6 ′ x 100′	**28.80**	**27.60**
V-806	6 Mil	**Poralated Vinyl —Black**	4½ 6 Ft.	**3.7¢**	**3.6¢**	4½′ x 100′	**16.20**	**15.75**
						6 ′ x 100′	**21.60**	**21.00**

ELECTRONIC SEALING

Vinyl is calendered in widths up to 6 ft. Wider covers are fabricated by electronically sealing stock width panels together. (Example: two 4½ ft. panels are sealed together to make a cover 9 ft. wide.) Covers may be ordered in any combination of stock widths, as shown above, in any length.

2 Panels
9 ft. to 12 ft. wide — **1¢** sq. ft. (add to custom
3 Panels—
13½ ft. to 18 ft. wide — **1.2¢** sq. ft. length price)
4 or More Panels—
19½ ft. and wider — **1.4¢** sq. ft.
Special Width
7½ ft. wide — **1.2¢** sq. ft.
Electronic Sealed Plastic Grommets—
6¢ per grommet
(For Partitions: Grommets spaced 12" apart along one edge of the film.)

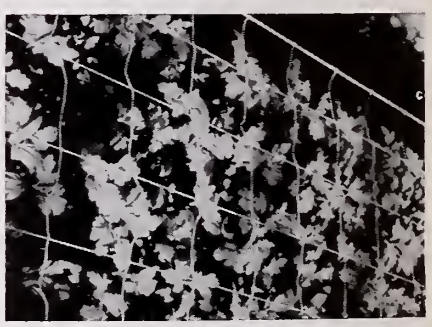
VINYL ADHESIVE

Patching Kit (1¼ oz. tube of adhesive & swatch of vinyl) ..... $ .50
½ Pint Vinyl Adhesive (Brush Top Can) **1.10**
Quart Vinyl Adhesive **2.85**
Adhesive Dispenser ..... **.50**
Quart Thinner **1.10**

Note: In ordering steam sterilization covers allow 10% in length for shrinkage and contour of the ground. If maximum light transmission is not necessary, electronic sealed covers of weatherable vinyl should be ordered in the diffused lite film—it is easier to fold. The polished surface of the clear film causes it to block.

Because of postal regulations, quart cans of adhesive and thinner must be shipped by Railway Express or Motor Truck.

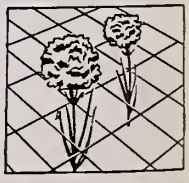
PLANTNET BENCH FABRIC



S-1110 NEW. PLANTNET BENCH FABRIC. An all plastic bench fabric, will not rust. For greenhouse or outdoor cut flower beds. No shipping problem. Can be shipped parcel post. 42 inch x 200 ft. weighs only 3 lbs. F.O.B. Blue Point, N.Y. Mesh size 6x6 inches.

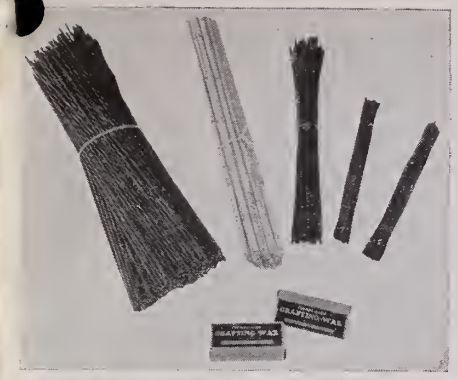
	Price
36" Width, 6 Mesh Across, 200 ft. long ... ea.	$12.85
42" Width, 7 Mesh Across, 200 ft. long ... ea.	14.00
48" Width, 8 Mesh Across, 200 ft. long ... ea.	15.25
54" Width, 9 Mesh Across, 200 ft. long ... ea.	16.80
60" Width, 10 Mesh Across, 200 ft. long ... ea.	18.20

S-1845 NEW LIGHT-WEIGHT SLATER'S WIRE Fabric for cut flower support is made of 16 gauge soft-annealed galvanized electro-welded wire in a 6"x8" mesh pattern. Saves time, labor, lasts for years. All rolls 200 feet long.
F.O.B. New York.



In lots of 10 rolls and over, less 10%.

	Shipping Weight		
36" width	23 lbs.	**$12.90**	**$12.75**
42" width	26 lbs.	**14.40**	**13.90**
48" width	30 lbs.	**15.85**	**15.20**
54" width	34 lbs.	**17.90**	**16.75**
60" width	37 lbs.	**19.80**	**18.10**



S-1366 BAMBOO STAKES. Green Painted. Pencil thickness. We do not split bundles of 250.

F.O.B. Chicago or New York

	Per 250	Per 1000	Per Bale at 2000
1½ feet	$1.50	$4.00	$7.00
2 feet	1.75	5.00	9.00
2½ feet	2.00	7.00	13.00
Natural. 6 ft.	7.75	26.00	46.00
3 feet	2.75	9.00	16.00
3½ feet	3.50	11.50	20.00
4 feet	4.00	13.25	24.00
6 ft. green	8.00	27.00	47.50

S-1364 SPLIT BAMBOO STAKES. Green-thin but strong. Sold in full bales only.

	Packed 5,000
12 in.	$14.00
15 in.	17.00
18 in.	22.00
24 in.	27.50

S-1380 HEAVY TONKIN (BAMBOO) STAKES, NATURAL COLOR: Heavy weight bamboo. Entire stake same weight, does not taper. Ideal for roses, dahlias, young trees, etc. Just the thing for florists and nurserymen. F.O.B. Chicago or N.Y.

Length	Diameter	Per 100	Packed	Price
4 feet	½ to ⅝ inch	$7.00	500 for	**25.00**
5 feet	⅝ to ¾ inch	9.50	250 for	**18.50**
6 feet	⅝ to ¾ inch	10.75	200 for	**18.50**
7 feet	⅝ to ¾ inch	11.00	150 for	**19.00**
8 feet	⅝ to ¾ inch	18.00	100 for	**18.00**

QUANTITY DISCOUNTS

The following discounts will apply on Bamboo Cane Stakes, Split Bamboo Stakes, & Tonkin Stakes.

1 to 9 bales less 5%
10 to 24 bales less 10%
25 and over bales less 15%

TWIST-EMS. Handy utility plant ties, deep green color. The wire running through the center of tape makes them unbreakable. Tape protects stem against injury. For all types of plants. Assortment T7 contains 36 pkgs. of 100, 8 in. size. T8 assortment, 36 pkgs. of 100, 16 inch. T9 assortment is 12 rolls of 250 ft. each continuous twist-em.

TWIST-EMS (BULK). Same as above but not in packages. Put up in bundles of 250. For growers and large users of twist-ems.

Cat. No.	Size	Packed		
S-605	4 in.	1000	Per 1000	$ .90
	4 in.	50000	Per 1000	.83
	8 in.	1000	Per 1000	1.60
	8 in.	25000	Per 1000	1.45
	12 in.	1000	Per 1000	2.35
	12 in.	12500	Per 1000	2.23
	16 in.	1000	Per 1000	3.25
	16 in.	10000	Per 1000	2.90

Cat. No.	Size	Packed	Wt.	Dealers Cost	Retail
S-600	T7	36	5 lbs.	**$6.26**	$0.29
	T8	36	10 lbs.	**12.31**	0.57
	T9	12	9 lbs.	**7.20**	1.00

Same as above but in Dispenser Packages. Model T-10 is a 150 ft. continuous roll.
Model T-11 is a package of 100—7 in. ties.

Cat. No.	Size	Packed	Wt.	Dealers Cost	Retail
S-602A	T10	24	4 lbs.	**$14.12**	$0.98
S-602B	T11	24	8 lbs.	**6.34**	0.44

GRAFTING WAX

S-660 Per ¼-lb. bar, 50c; postpaid 55c. ½-lb. bar, 65c; postpaid 75c. 1 lb., 95c; postpaid $1.15.

S-1413 POLYSTYRENE PLASTIC POT LABELS. Plastic, reusable labels are made of best quality, high impact polystyrene—will not rot, rust, curl, mildew or corrode. Markings remain clearly legible despite the action of weather, water or fertilizer. Plastic labels are available in white only. (Similar to wood labels in shape). F.O.B. Chicago.

4 inch x ⅝ inch, Per 1000 ..... **$4.20**
5 inch x ⅝ inch, Per 1000 ..... **5.00**
6 inch x ⅝ inch, Per 1000 ..... **5.80**
8 inch x ⅝ inch, Per 1000 ..... **7.50**
5% discount in lots of 10,000.

A WOOD SEED FLATS

S-1490 Made from clean Cypress, knocked down, put up in bundles of ten flats each. Approximate weight per bundle, 50 lbs. **Do Not Break Bundles.**
F.O.B. Chicago.

	Dimensions	Bundle of 10
No. 3	21½x14x2¾ in.	$7.40
No. 3-A	21½x14x3¾ in.	8.05
No. 4	24 x15x2¾ in.	8.30
No. 4-A	24 x15x3¾ in.	8.70

B S-1755 NODAMPOFF SPHAGNUM MOSS. Sphagnum moss is a sterile material containing antibiotic qualities. Fungi and bacteria cannot live in it. By sowing seed in a thin layer of this moss spread over the soil in the pot or flat, damping off is prevented. Cuttings rooted in sphagnum are easily transported and transplanted without disturbing their roots. This moss is horticultural grade, milled ready for use. 10 oz. package, **$1.00;** per carton of 12, **$8.00.** 2 bushel bags each, **$3.25; 3 for $8.70.** FOB Chicago.

SPHAGNUM MOSS

S-1760 SPHAGNUM MOSS in Bales. Bright, clean, new growth, free from brush or grass, is being worked out in Wisconsin district. Size of Bale 45 x 14 x 16 inches.

Prices subject to change without notice.

	F.O.B. Chicago	F.O.B. Wisc.
1 to 5 bales	Each. $3.00	
6 to 10 bales	Each, 2.90	10 Bale lots, $2.50
11 to 24 bales	Each, 2.75	25 Bale lots, 2.30

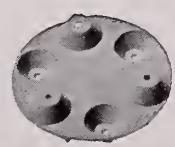
New York Prices 60c per bale higher.

C S-1446 SIEVES. For sifting soil 18 inches in diameter, sizes mesh ½", ¼", ⅜", ½". Specify size when ordering. Each **$3.75;** postpaid $4.15.

D S-1057 NEW IMPROVED VIBRA-SEEDER. A battery operated flower and vegetable seeder for commercial and home gardeners—fits palm of hand—will sow row or flat in fraction of time normally required. Operating cost one flash light battery per season. A real time, labor and seed saver. Price, without battery retails at $3.95, each **$3.25,** postpaid.

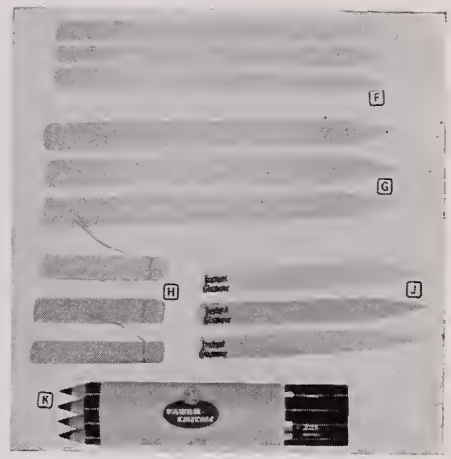
E S-1052 STAINLESS STEEL DIBBLE. Made of pure stainless steel. Outwears any other dibble made. Ease of use increases production as much as 10%. Added feature is the soil free angle which relieves the soil and prevents clinging to point. Price each, **$2.00;** postpaid, $2.10.

S-1352 AERO-DRAIN—FLOWER POT DRAIN HOLE COVER. Now you can save on labor costs, time and increase production. Do away with the muss and fuss of using makeshift broken pot pieces to cover pot holes. Aero-Drains fit 4- to 12-in. pots and go in either side up for easy use. Provide best drainage and air flow. Because they nest neatly they're easy to handle and save space on the potting bench.



QUANTITY	BULK PACK (5,000 per case)	UNIT PACK (1,000 per carton)
1,000 to 9,000	$6.15 per 1,000	$6.50 per 1,000
10,000 to 40,000	6.15 per 1,000	6.35 per 1,000
50,000 to 90,000	5.95 per 1,000	6.15 per 1,000
100,000 or more	5.75 per 1,000	6.10 per 1,000

Minimum order 1,000



F WOOD POT LABELS. We carry the best quality of Wooden Labels made. They are smooth, strong and neat, ⅝ inch wide. When ordering, specify pot labels or garden stakes, painted or plain. **5% discount in lots of 10M.**

	Packed Carton	F.O.B. CHICAGO S-1400 Plain Per 1000	S-1401 Painted Per 1000	POSTPAID S-1400 Plain Per 1000	S-1401 Painted Per 1000
4-in. x ⅝"	1000	$3.20	$3.95	$3.55	$4.30
5-in. x ⅝"	1000	3.45	4.30	3.90	4.75
6-in. x ⅝"	1000	3.80	4.75	4.30	5.25
8-in. x ⅝"	500	5.50	7.00	6.15	7.65
10-in. x ⅝"	500	6.75	8.50	7.10	9.45
12-in. x ⅝"	500	8.00	10.10	9.10	11.20

G WOOD GARDEN LABELS

	Packed Carton	F.O.B. CHICAGO S-1402 Plain Per 1000	S-1403 Painted Per 1000	POSTPAID S-1402 Plain Per 1000	S-1403 Painted Per 1000
8-in.—⅞"	250	$8.10	$9.50	$9.30	$10.70
10-in.—⅞"	250	9.20	10.75	10.20	12.25
12-in.—1⅛"	100	16.50	19.00	19.00	21.60

H WOOD TREE LABELS COPPER WIRED.

	Packed Carton	FOB CHICAGO S-1410 Plain 1000	S-1411 Painted 1000	POSTPAID S-1410 Plain 1000	S-1411 Painted 1000
3½x⅝"	1000	$3.85	$4.90	$4.30	$5.35

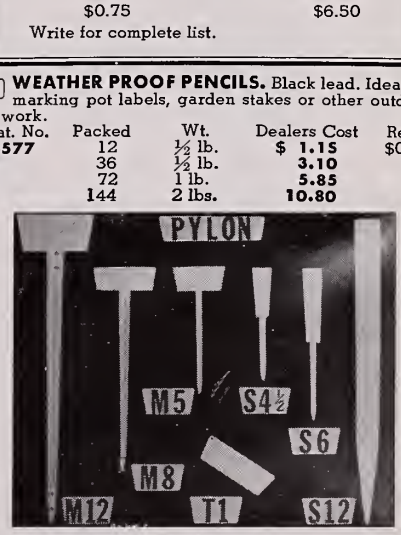
J NEW. All plastic Printed Labels. Available in all Instant Glamour varieties, plus 150 other varieties. Packed 100 per variety. All prices Postpaid.

Per 100	Per 1,000
$0.75	$6.50

Write for complete list.

K WEATHER PROOF PENCILS. Black lead. Ideal for marking pot labels, garden stakes or other outdoor work.

Cat. No.	Packed	Wt.	Dealers Cost	Retail
S-577	12	½ lb.	**$ 1.15**	$0.15
	36	½ lb.	**3.10**	.15
	72	1 lb.	**5.85**	
	144	2 lbs.	**10.80**	.15



PYLON PLASTIC LABELS. White impact polystyrene. 1/16 in. thick. Mark with soft lead pencil.

Cat. No.	Size	Packed	Wt.	Dealer Cost
S-599A	M-5	250	2 lbs.	$3.50
S-599B	M-8	100	1½ lbs.	2.75
S-599C	M-12	100	2½ lbs.	5.50
S-599D	S-4½	1000	4¼ lbs.	6.00
S-599E	S-6	500	3¼ lbs.	6.25
S-599F	S-12	100	2½ lbs.	3.20
S-599G	T-1	500	4¼ lbs.	6.50
S-599H	M-13	100	5 lbs.	10.00
S-599I	M-35	100	4 lbs.	7.25
S-599J	EX-10	100	2½ lbs.	2.75

Less 10% on 10 Boxes or more of one size.

Insecticides For All Purposes

The table below is presented as a guide to purchasing material only. Consult the label on the package for specific recommendations.

Cat. No.	Item	To Control	Crops	Amt. Per 25 Gallons	Size	Price
S-250	**ARAMITE 15W**	Red Spider	Most	½ lb.	4-lb. bag Case (12—4-lb. bags) 50-lb. bag	$ 3.50 38.50 37.00
S-515	**ARSENATE OF LEAD**	Chewing Insects	Most	¾ lb.	Case (24—1-lb. cans) 4-lb. bag Case (12—4-lb. bags)	14.40 1.75 14.40
S-256	**CHLOROBENZILATE 25% W.P.**	Red Spider	Roses & others	¼ lb.	Case (12—4-lb. bags) 4-lb. bag	5.25 53.50
S-262	**DDT 50% W.P.**	Most	Most	¼ lb.	4-lb. Bag Case (12—4-lb. bags) 50-lb. Bag	1.60 15.84 15.00
S-264	**DDT 25% Liquid**	Same as above		½ pt.	Quart Gallon	1.65 5.00
S-260	**DDT 5% DUST**	Same as above		—	4-lb. bag Case (12—4-lb. bags) 50-lb. Bag	1.40 10.08 6.25
S-266	**DIAZINON 25% W.P.**	Carnation Bud Mites Aphids, Mealybugs Scale	Most	½ lb.	4-lb. bag Case (12—4-lb. bags)	5.75 56.40
S-513	**DIMITE**	Mites	Cyclamen ornamentals	¼ pt.	8 oz. Quart Gallon	2.00 4.25 12.95
S-308	**ENDRIN**	Mites	African Violets Begonias, Gloxinas	2 pts.	Gallon	12.50
S-973	**RED ARROW SPRAY**	Aphids, Leaf Hopper White Flies	Roses & Ornamentals House plants	1 qt.	Pint Gallon	3.00 16.33
S-280	**SYSTOX (Systemic)**	Red Spider Aphids, Mites	Mums, Snaps, Carnations	2 oz.	Gallon Case of 6-1 gallon cans	24.00 130.00
S-284	**TEDION 90%**	Mites, Red Spider	Most	1 oz.	1-lb. cans	7.20
S-283	**TEDION 25% W.P.**	Same as above		2 oz.	2-lb. bag 6—2-lb. bags Case (12—2-lb. bags)	4.50 24.00 46.00
S-282	**THIODAN 50% W.P.**	White Fly Aphids, Mites	Most	2 oz.	5-lb. bags	12.50
S-290	**VAPOTONE-XX SPRAY**	Red Spider, Aphids	Most	1 oz.	Gallon Case (4—1 gal.)	12.00 42.00
S-268	**KELTHANE EC.**	Mites	Roses & others	4 oz.	Pint Gallon 5-Gal. drum	3.00 9.95 47.50
S-270	**LINDANE 25% W.P.**	Aphids, Thrip, Spittle Bugs, Symphylous	Most	2 oz.	1 lb., ea. $2.75; case of 12 4 lb., each $7.25; 4—4 lb. 20-lb. drum	27.00 25.60 31.20
S-512	**MALATHION 50% SPRAY**	Red Spider, Leaf Rollers, Mealy Bugs	Most	¼ pt.	Pint Quart Gallon	2.85 4.35 12.00
S-271	**MALATHION 25% W.P.**	Same as above		8 oz.	4-lb. bag Case (12—4-lb. bags)	2.85 28.90
S-273	**NICO-FUME LIQUID**	Red Spider Aphids, Thrip		½ pt.	1 Gal.	16.25
S-275	**PARATHION 15% W.P.**	Red Spider, Aphids, Thrip, Midge	Most	¼ lb.	4-lb. bag 6—4-lb. bags Case (12—4-lb. bags) 50-lb. Drum	2.50 13.95 24.48 25.50
S-307	**POLYTRAP**	Red Spider Powdery Mildew	Roses, Mums, ornamentals	1 qt.	Gallon Case (6—gal. cans) 5-Gal. Pail	9.00 51.00 40.00
S-379	**PENTAC**	Spotted Mites	Roses	2 oz.	1 lb. can	13.00
S-532	**SCALECIDE**	Scale, Mites, Red Spider, Aphids	Fruit & Shade Trees, Ornamentals Evergreens	3 pt.	Quart Gallon Case (6—1 gallons) 5-gallon can 55-Gal. Drum	1.25 2.75 11.70 10.50 65.00
S-531	**PARA-SCALECIDE**	Peach-Borer	Peach Trees	3½ gal.	Quart Case (12 quarts) Gallon	1.80 14.40 4.00

S-965 GRAYS IRIS BORER CONTROL. Recommended by leading Iris Growers. Complete control.

Pint	$ 1.70
Case (12 pints)	12.24
Quarts	2.90
Case (12 quarts)	20.88

S-392 SLUG IT. Liquid Slug Killer. Kills snails and slugs. One gallon treats over 12,000 square ft. Effective for about 2 weeks. Easy to apply. Qts., each $4.00. Gallon, each $12.00.

S-391 SNAROL Meal. For snails and slugs.

	Each		
1 lb.	$0.59	12 for	$4.72
2½ lbs.	1.19	12 for	9.52
6 lbs.	2.30	6 for	9.56
50 lbs.	10.50		

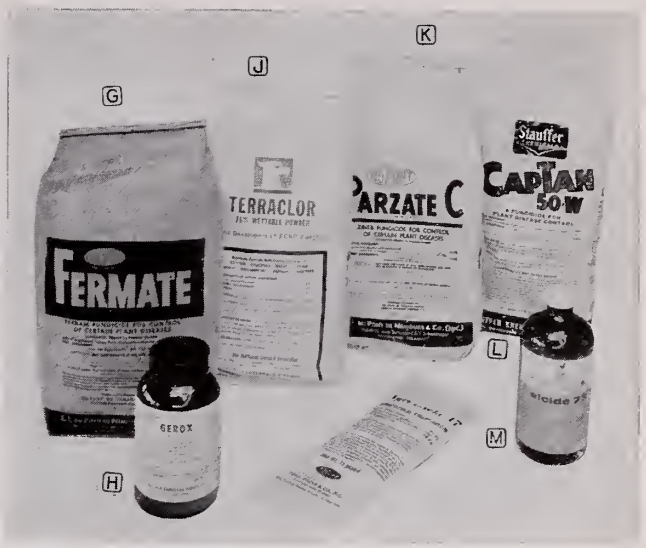
All F.O.B. Chicago, Ill.

S-390 SNAROL Pellets. Prices and packing, same as above.

DUPONT AMMATE WEED AND BUSH KILLER

S-474 DuPont "Ammate" (ammonium sulfamate) for control of poison ivy. Kills brush and other weeds. For cleaning out driveways, sidewalks, and spots where tough weeds grow. One application usually cleans out worst infestations. Easily dissolved in water for use in a sprayer or sprinkling can. NOT for lawns. Use 1 lb. to a gallon of water for 25 sq. ft. Price, 2 lb. pkg., $1.35; 6 lb. jar, $3.50; 60 lb. bag, bag, $19.20.

Note: All chemicals are F.O.B. Chicago and are shipped via Parcel Post, (if possible) or via United Parcel Truck or Railway Express. We endeavor to ship via the cheapest method. Include Shiping Charges on all orders.



Cat. No.	Item	To Control	Crops	Amt. Per 25 Gallons	Size	Price
S-301	**AGRI-MYCIN 17**	Fire Blight, Bacterial Spot & Blight, Wildfire Blue Mold, Soft Rot & Black leg, Downy Mildew	Fruit, Nut Trees, Tomatoes Peppers, Celery, Tobacco Potatoes, Hops	2 oz.	8 oz. pkg. in plastic bag	**$3.25**
S-303	**CM19**	Botrytis Rot	Gladiolus	½ pt.	Gallon 5-Gal. Drum	**14.00** **42.00**
S-305	**CAPTAN 50W**	Scab, Blotch, Rot Leaf Spot, Anthracnose Downy Mildew, Septorio, Black Spot, Botrytis	Fruit Trees, Cucurbites, Tomatoes, Potatoes Rose, Carrots, Strawberry	½ lb.	2-lb. bag 5-lb. bag 5—5-lb. bags Case (10—5-lb. bags)	**2.00** **4.25** **20.00** **37.00**
S-309	**ELCIDE 73**	Fusarium, Curvalaria, Stromatinia	Gladiolus	¾ pt.	16-oz. Gallon 5-gal. Drum	**4.00** **18.65** **92.50**
S-312	**FERMATE (FERBAM)**	Black Spot, Leaf Scorch, Petal Blight, Septoria, Rust, Botrytis, Leaf Spot, Damping Off	Roses, Azaleas, Camelias, Carnations, Mums, Cyclamen Geraniums, Snaps, Tulips	½ lb.	3-lb. bag 6—3-lb. bags Case (12—3-lb. bags)	**2.10** **12.00** **21.60**
S-314	**GEROX**	Fusarium, Damping Off, Black Rot, Rot, Stem Rot	Flowers, Ornamentals, Bulbs	75 grams	150 Grams, Postpaid 450 Grams, Postpaid 5 lbs., F.O.B. Lodi, N.J.	**8.00** **18.50** **75.00**
S-267	**KARATHANE W.D.**	Powdery Mildew, Certain Mites	Fruit Trees, Cane Fruits, Curcurbites	⅛ lb.	3-lb. bags Case (16—3-lb. bags)	**5.35** **75.00**
S-442	**MANZATE (MANEB)**	Black Spot Early Blight, Leaf Spot, Mildew, Anthracnose, Black Rot	Roses, Tomatoes, Potatoes other vegetable crops	6 oz.	3-lb. bag 50-lb. drum	**3.25** **49.00**
S-388	**PANO-DRENCH**	Damping Off	Flowers, Ornamentals, Vegetables	½ pt.	1-oz. bottle, Postpaid 4-oz. bottle, Postpaid Pint bottle, Postpaid Gallon, F.O.B. Chic.	**2.05** **6.10** **19.50** **88.00**
S-389	**MORTON SOIL DRENCH**	Damping Off, Fusarium Curvularia	Flowers, Ornamentals, Vegetables	1 oz.	One Gallon	**15.95**
S-316	**PARZATE C.W.P. 75% (ZINEB)**	Downy Mildew, Rust, Blue Mold, Blights, Fusarium, Septoria, Anthracnose	Most	½ lb.	3-lb. bag Case (16—3-lb. bags)	**2.85** **31.20**
S-318	**PHALTAN 50% W.P.**	Black Spot, Septoria, Leaf Spots, Blights	Roses, Mums, Citrus, Potatoes	½ lb.	5-lb. bag Case (10—5-lb. bags)	**5.75** **51.75**
S-434	**SEMESAN**	Stem Rot, Damping Off	Most	¾ lb.	4 oz. 12 oz. 25 lbs.	**2.50** **5.95** **105.00**
S-320	**TERRACLOR 75% W.P.**	Botrytis, Blight, Stem Rot, Damping Off	Most	¼ lb.	5-lb bag Case (10—5-lb. bags)	**4.50** **41.50**
S-322	**ZERLATE (ZIRAM)**	Leaf Spots, Rusts, & Blights	Most	¼ lb.	3 lbs. Case (12—3-lb. bags)	**2.45** **25.80**
S-222	**FULEX SOIL TREATMENT**	Rhizoctonia, Pythium, Fusarium	Carnations	3 oz.	12 oz. bottle 24 oz. bottle 1 gallon	**5.00** **8.50** **35.00**
S-221	**FULEX A.D.O.**	Pythium, Fusarium, Damping Off	Most	4 oz.	Pint Quart Gallon	**4.95** **9.50** **35.00**
S-224	**BOTRAN 50% W.P.**	Botrytis Grey Mold, Damping Off	Roses, Hydrangeas, Geraniums, Mums	½ lb.	3 lb. 15 lb.	**6.00** **28.50**

MISC. CHEMICALS

S-425 DUPONT GRASSELLI SPREADER STICKER.

Pints	$ 1.20
Gallon	7.95
5 Gallon	37.50

SOIL FUMIGANTS

S-367 DOWFUME MC-2 LIQUID. A reliable soil sterilizer.

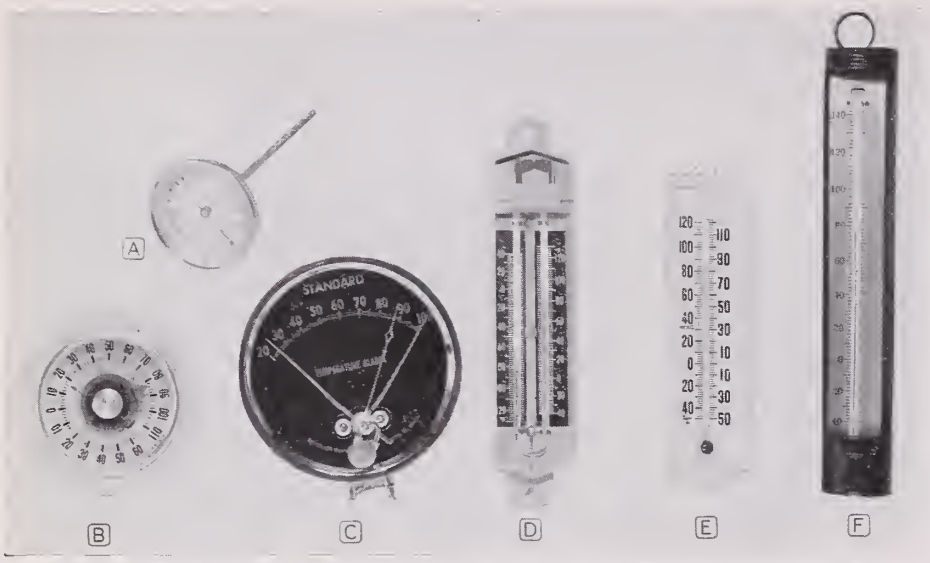
1-lb. can	$ 1.15
Case (24—1-lb. cans)	21.84

S-368 Jiffy Applicator 4.50

S-360 VAPAM 4S SOIL FUMIGANT. Proven highly effective in controlling weeds and weed seed. Also controls nematodes, and soil fungi.

Gallon	$ 4.75
5-Gallon Drum	21.00
30-Gallon Drum	97.50

Shipped express only.



Ⓐ **S-107 TAYLORS SOIL THERMOMETER.** Model X5800. Clear easy to read figures. Large 2¼" dial, range 20 to 220 F. in 2° Divisions. 8" overall length. Hermetically sealed against moisture. Each $4.95; 3 for $12.00.

Ⓑ **S1-04 TAYLOR DIAL MAXIMUM AND MIMIMUM THERMOMETER.** Model No. 5321. Set in waterproof plastic csse 4¾ in. x 1 in. Will register lowest, highest and present temperatures. Can easily be reset. Each $8.00; 3 for $20.00.

Ⓒ **S-110 STANDARD TEMPERATURE ALARM.** The six-inch, easy-to-read dial is finished with bright green numbers against a black background. Scale 2)°—100° F. The temperature-indicating hand and the control hands, showing the maximum and minimum limits are finished in a bright orange. These control hands are easily adjusted by the setting knob, and this knob may then be locked, preventing tampering or changing warning limits. Price does not include batteries, bell or wire. Each, $22.50 Postpaid.

Ⓕ **S-109 TAYLOR TIN CASE.** Model 5400S Standard grade (tested). 12 inches. Guaranteed accurate tin case thermometers, black oxidized metal scale, heavy magnified easy reading tube. Each $4.20; 3 for $12.00; 12 or more each $3.50.

Ⓓ **S-106 TAYLOR MAXIMUM** and Minimum Self Registering Therm. Floating steel discs tell the lowest and highest temperatures during absence. Reset with a magnet. Shipped via express only. No. 5458 with magnet. 10 in. Each $11.00; 3 or more each $10.00.

Ⓔ **S-101 TAYLOR UTILITY THERMOMETER.** Model 5132. Easy reading 8½" x 2" white enameled scale with baked in numerals and graduation. Red liquid filled tube, magnifying lens. Each $1.69; 6 for $9.50; 12 or more each $1.50.

Ⓖ **S-634 THE SUDBURY PRINCESS MODEL F HORTICULTURAL SOIL TEST KIT.** The Sudbury Horticultural Soil Test Kit makes instantly available the essential information you require for gardening success. With it you can make quick practical tests which will show the acidity of your soil and any possible deficiency in nitrogen, phosphorus and potash. As a result, you can avoid failure by prompt adjustment of your soil to the requirements of your plants and grasses. Sudbury Soil Test Kits are used by leading amateur and professional growers throughout the country. The Horticultural Kit makes 100 Tests. Each **$16.95.**

Ⓗ **S-633 THE SUDBURY MODEL A DELUXE PROFESSIONAL MODEL SOIL TEST KIT.** Contains enough material for 200 to 300 professional tests. Price complete with instructions **$24.95** via express collect.

REFILLS FOR SOIL TEST KITS S-638A LIME—For acidity. When ordering, it requires **S-638B** for No. 2 and **S-638C** for No. 3 to make Nitrogen Tests. **S-638D** for No. 4 and **S-638E** for No. 5 for Phosphorus Tests and **S-638F** for No. 6 and **S-638G** for No. 7 to make Potash Tests, therefore when ordering, please order two numbers. 2 oz. bottle, each $1.35; postpaid $1.50; 6 for $5.40; 6 oz. bottle, each $2.50; postpaid $2.70; 6 for $10.00. Plus Postage.

GENERAL ELECTRIC SOIL HEATING Ⓙ SETS, CABLES AND CONTROLS

Sturdy, lead sheathed cables, and heavy duty thermostats; the very best. For hotbeds, cold frames, or greenhouse benches. Soil can be maintained at 15°-20° F. above general house temperature.

F.O.B. CHICAGO

S-158 LEAD SHEATHED CABLES.

One 30 ft. lead cable (110 volt, 180 watt) heats 18 sq. ft. of bench area.

One 60 ft. lead cable (110 volt, 400 watt) heats 36 sq. ft. of bench area.

One 120 ft. lead cable (220 volt, 800 watt) heats 72 sq. ft. of bench area.

Set. No. 1 with HSC-4 thermostat and 30 ft. cable. Thermostat is rated 15 amp. for 110 volt AC only. Price each $13.50.

Set No. 2 with HSC-4 thermostat and 60 ft. cable. Price each $18.75.

Set No. 3 with HSC-5 thermostat and 60 ft. lead cable. Thermostat s rated 25 amp. up to 230 volt AC only. Price each $25.00.

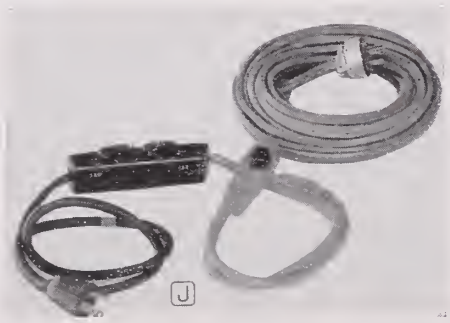
Set No. 4 with HSC-5 thermostat and 120 ft. lead cable. Price each $39.25.

Sets No. 1 and 2 will control one or two 60 ft. cables or up to six 30 ft. cables. Sets No. 3 and 4 will control up to four 60 ft. or 120 ft. cables.

Extra 30 ft. lead cable, each $7.25.

Extra 60 ft. lead cable, each $12.50.

Extra 120 ft. lead cable, each $26.75.



No order will be charged to open account for an amount less than $5.00. Please send cash with orders for less than $5.00.

Prices in this catalog are subject to change without notice.

VAUGHAN'S GLO-GRO. Lighting Fixture with the new Sylvania Gro-Lux Fluorescent lamp. The new energy source for stimulating plant growth. This recent Sylvania development produces radiant energy at high efficiency for the many vital growth processes controlled by light. Will accelerate the germination of most seeds . . . produce stockier seedlings . . . reduce susceptibility to damping-off infection . . . will stimulate the rooting of cuttings and produce fibrous root systems. GRO-LUX lamps are electrically and physically the same as standard fluorescent lamps and can be used in any standard fluorescent circuit.

S-1395A Fixture only.
1-5 . . . . . Each $11.75
6-23 . . . . . Each 10.50
24-119 . . . . . Each 9.00

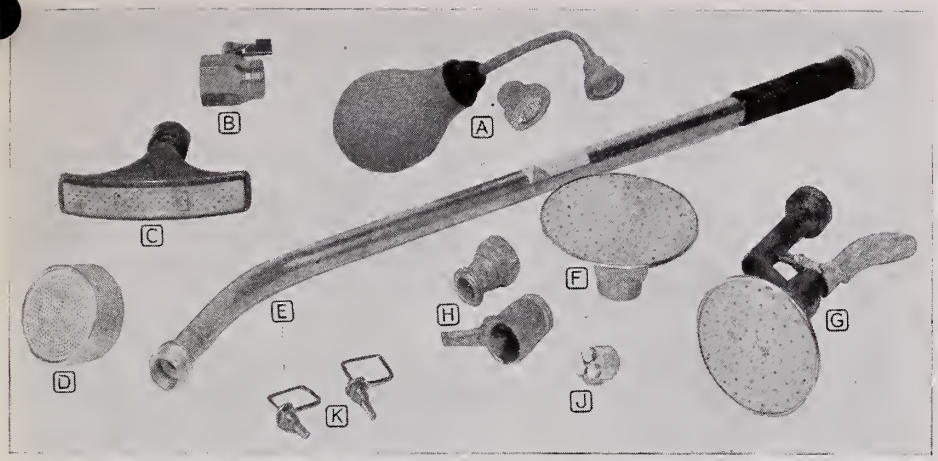
S-1395B GRO-LUX BULBS. Shipped in full cartons of six bulbs only.
Case of 6 . . . . . $18.00

GRO-QUICK ELECTRIC SEED BED HEATER. Soil heating cable with built-in 70 deg. fix temp. soil thermostat. A convenient method of heating hotbeds and cold frames for early seed starting. Full instructions included. With care will last for years. All cables are 115 volts.

Cat. No.	Model No.	Dealer Cost	Retail
S-156A	P34T—114 watts—34 feet long. For hotbed 36"x42"	**$3.70**	$4.95
S-156B	J49T—160 watts—49 feet long. For single sash hotbed 3 x 6 ft.	**4.85**	6.45
S-156C	A6—15 watts—**6 ft. cable only.** For ordinary flat of 1½ sq. ft. (12" x 18".)	**1.45**	1.95
S-156D	S98T——330 watt—98 ft. long. Suitable for a double sash bed. For larger beds order additional cables.	**7.50**	9.95

WATERING EQUIPMENT

Proper equipment is necessary to grow good crops. Choose from our complete line of hose and accessories.



Ⓐ **S-715 CENTRO SPRAY SPRINKLER** complete with two nozzles fine and coarse. 8 oz. capacity.

	Postpaid
Each $1.20	$1.45
12 for $12.60	$13.25

Ⓑ **S-705 MODEL V-58 SHUT-OFF VALVE ¾" PIPE TO HOSE.** Shut off to full flow in ¼ turn. Machined from solid bar brass. For Greenhouses, Garages, etc.

	Postpaid
Each $1.50	$ 1.65
12 for $16.20	$17.00

Ⓒ **S-708C FLAT SPRAY SPRINKLER.** Is preferred by growers and home owners, capacity seven gals. per minute.

	Postpaid
Each $1.50	$1.65
3 for $3.75	$4.00

Ⓓ **S-722 NO. 400 WATER BREAKER.** This breaker is the answer to the florist's problem for an all-purpose watering gadget. It will do most any watering job. This breaker has 400 ½ inch holes in it. The four hundred tiny streams of water are concentrated in a small area, consequently speeding your watering job. ¾-inch connection.

	Postpaid
Each $1.45	$1.60
3 for $4.20	$4.50

Ⓔ **S-723 24 INCH ALUMINUM EXTENSION HANDLES FOR NO. 400 WATER BREAKER.** Model 124G with plastic grip.

	Postpaid
Each $1.80	$2.05
3 for $4.50	$4.90

Ⓕ **S-738 HOTHOUSE STAMPED BRASS SPRINKLER.** All brass, distributes water evenly; ¾ inch connection.

3-in. Face.	Postpaid
Each $1.00	$ 1.15
10 for $7.95	$ 8.40
4-in. Face.	**Postpaid**
Each $1.20	$ 1.35
10 for $10.00	$10.50

Ⓖ **S-720 SMITH AQUAMATIC SHUT-OFF.** ¾ in. hose connection, as shown above. Figure 74 and 70, for $4.95; postpaid $5.45.

Ⓗ **S-792 IMPROVED EVER-TIGHT HOSE COUPLING.** No more waste of time, just press the lever, instant tight connection. A great time saver, a coupling that every greenhouse should be equipped with.

Complete, Doz	$9.75
Each $1.00.	
Faucet End, Doz	$4.80
Each $ .45.	
Hose End, Doz	$5.80
Each $ .55.	

Ⓙ **S-725 FOGG-IT NOZZLE.** Garden fog nozzle breaks water into a fine mist of a fog-like spray for watering seed beds, new plantings, newly-seeded lawns, young plants, and all tender plants. Works efficiently with high or low water pressures on any standard garden hose. Will not wash away seeds, soil, or fertilizer. Has ¾" connection. Available in 1 gallon per minute (Superfine) 2½ gallon (low volume); 5 gallon (high volume); Specify model.

	Postpaid
ea. $1.95	2.05
3 for $5.50	5.70

Ⓚ **MISTER 100 NOZZLES.** Here is the finest mist propagation nozzle ever developed. Wide coverage. Flat plane of mist. Also has many other applications. Nozzle has 5/16/24 thread. Space 3-it. apart in drilled and tapped holes in ¾ or 1" pipe. Made of solid Brass.

Less than 100	Ea. $1.00
100 to 249	Ea. .75
250 to 499	Ea. .70
500 up	Ea. .65
24 hr. timer	Ea. $34.95

Size of Pipe	Solenoid Valves	Line Strainers
½"	$23.00	$ 7.00
¾"	25.00	8.00
1"	——	12.00
1¼"	30.00	16.00

APRONS

S-153 BLACK LIGHTWEIGHT. Each, $4.00; postpaid $4.30.

S-152 VINYLITE PLASTIC APRON. Strong and durable. Same size as illustrated rubber apron. Each $3.00; 3 for $8.25, postpaid $8.50.

GREENHOUSE HOSE

S-765 VAUGHAN'S RUBBER LIGHTWEIGHT GREENHOUSE HOSE—¾" inside diameter with 2 braids of tough rayon reinforcement—An ideal flexible hose that coils and drags easily—Has a tough abrasion resistant red smooth cover, and will withstand pressures up to 150 P.S.I.—Can be furnished in any length with heavy cast brass couplings attached. Per foot 33c, couplings per pair 75c.

S-1812 F&P RED PLASTIC HOSE. ¾" inside diam. This hose is very flexible. Will not get stiff when the weather gets cold. Easy to handle. Can be furnished in any length.

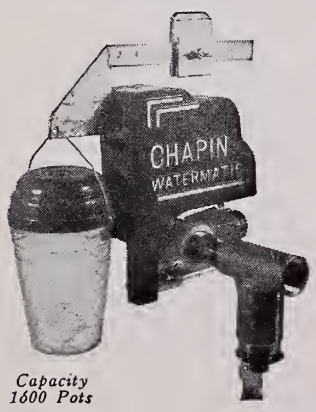
Per foot	$0.31
Full flow couplings per pair	$2.00

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

CHAPIN WATERMATIC VALVE and LINE STRAINER

SET IT—

FORGET IT!



Capacity 1600 Pots

ORDERING INSTRUCTIONS

Choose the system that will best suit your bench's need. Then add one WATERMATIC Valve and one Line Strainer for each 1600 pots.

CHAPIN ADD-A-HEADER

FOR

- **Any size bench.**
- **Any number of pots.**

ADD-A-HEADER and PLUG-IN-MAIN

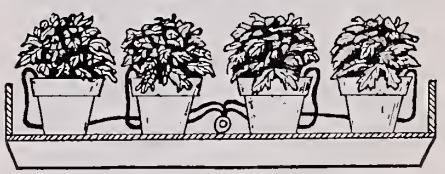
The PLUG-IN-MAIN has outlets ever 12 ins. Connect one ADD-A-HEADER for each 20 pots. Plugs are provided for outlets not in use.

S-1838 PLUG-IN-MAIN
Including end fittings, per foot.....**15c**

ADD-A-HEADER P20

A completely assembled package ready to place on bench. Equip an entire bench in minutes!

S-1839 Order one ADD-A-HEADER for each 20 pots. Each.....**$2.85**



CUSTOM LENGTH BENCHES

Write, phone or wire for additional information and quotations for a bench, a house or a whole range stating . . . length of bench, width of bench, total number of pots in bench, number pots across bench.

Chapin WATERMATIC Systems . . .

- **Use existing water supply—only a ¾-in. water main is required.**
- **Water 1600 potted plants in 2 seconds of your time.**
- **Are economical to install—pay for themselves in a few months.**
- **Are adjustable—from 2 to 42 oz. of water per plant.**

NOTE: Write us for a System Engineering form and let us quote you on your exact requirements. All systems are custom engineered.

ROOTING COMPOUNDS

S-648 ROOTONE with Fungicide stimulates the natural tendency for roots to form on slips or cuttings. Rooting takes place in a much shorter time, heavier root systems are formed and fewer cuttings die from disease. Newly added fungicide controls damping-off and other soil-borne diseases. Price, ¼-oz. pkt., 35c; display carton of 24, $5.04; 2-oz. jar, enough to treat 3,000 cuttings, $1.25; doz., $9.00; 1-lb. jar will treat up to 30,000 cuttings, $5.00. Three for $12.75, plus postage.

S-647 ROOTONE No. 10. For slow to root evergreen cuttings, 2 oz., each $2.25; 1 lb., each $10.00.

S-649 TRANSPLANTONE. For treatment of transplants of all kinds. It contains the root formi g hormones, vitamin B-1 and other members of the vitamin B complex which are important in plant growth. ½-oz. pkt., each, 35c; display carton of 24, $5.04; 3 oz., $1.25; doz., $9.00; 1 lb., $4.00. Three for $10.50, plus postage.

S-643 HORMODIN POWDER. Combination package. No. 1, 2, 3, in one package for $1.20; doz. packages, $8.64, plus postage.

S-640 No. 1 Powder, 1¾-oz. tin, each, 80c; lb., $4.80; 3 for $10.60; 12 or more ea. $2.88, plus postage.

S-641 No. 2 Powder, 1¾-oz. tin, each, $1.20; 1 lb., $7.00; 3 for $15.80; 12 or more, each, $4.20, plus postage.

S-642 No. 3 Powder, 1-oz. tin, each, $1.60; ½ lb., $7.00, 3 for $15.80; 12 or more, each, $4.20, plus postage.

S-378 PHOSPHON D. Chemical height retardant for pot mums. Also improves foliage appearance, produces compact plants, sterngthens stems.

1-lb. bottle . . . . . Postpaid, $ 17.95
Case (12—1-lb. bottles). . . . . Postpaid, 215.40

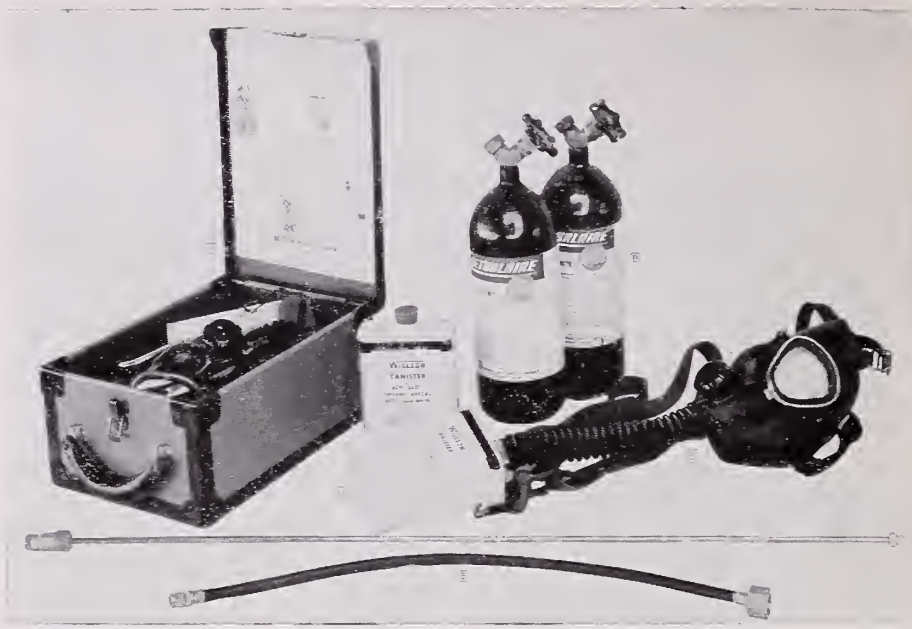
S-311 PHOSPHON LIQUID. Chemical height-retardant for Forced Easter Lillies and potted mums. Dilute 1 pint in 12 gallons water to treat 180—6 inch pots.

1 pt. . . . . Postpaid, $17.95
Case (12—1 pt.) 215.40

S-377 CYCOCEL growth retardant for Red Poinsettias. Cycocel (formerly referred to as CCC) is a formulation containing 11.8% of (2-chloroethyl) rimethylammonium chloride. Dilute Cycocel by adding 1 quart to 10 gallons of water. Apply the dilute solution as a uniform soil drench. Write for complete information.

1 qt. $12.95
1 gal. 49.75

Minimum order for supplies is $5.00. To continue the fine service and completeness of stock, we ask your cooperation in making your order for supplies a minimum of $5.00



PROTECTIVE EQUIPMENT

C **S-384A** Willson Greenhouse Mask—Style W1G-G3FD in carboard carton . . . . . Each **$34.00**

A **S-384B** Willson greenhouse Mask in Fibre Carrying Case . . . . . Each **$37.00**

D **S-386** G3FD Replacement Canister Each **$4.50**

S-385 ***Caution:** The No. H-3FC canister is required on your mask when using G-64 10% Phosdrin. This canister is also satisfactory for other Lethalaire Bombs. . . . . Each **$5.65**

B PRICES OF LETHALAIRE AEROSOL BOMBS

Prepaid in lots of 12 or more bombs direct from factory. Add 50c net per cylinder for shipments to all points west of the Rockies.

No.	Type	Each	Net Wt. Lbs.	Deposit
G-52	5% TEPP	$8.00	4	$3.75
G-54	10% Parathion	9.50	4	3.75
G-57	5% Dithiono	9.50	4	3.75
G-60	10% Aramite	12.50	4	3.75
G-61	2% Lindane & 10% Aramite	13.00	4	3.75
G-62	15% Malathion	10.25	4	3.75
***G-64**	10% Phosdrin	13.25	4	3.75
G-66	10% Chlorobenzilate 80	10.75	4	3.75
G-67	10% Thiodan	10.25	4	3.75

NOTE: The deposits on the bombs are refunded when they are refunded to us prepaid. Empties may be returned in quantities of 12 by freight collect, direct to factory or prepaid to us in smaller quantities.

E APPLICATORS

Special applicators must be used with these Aerosol Bombs. Applicator has universal coupling to fit any bomb.

S-381A	**No. 20**	24 inch applicator	$7.00 each
S-381B	**No. 30**	36 inch applicator	7.25 each
S-381C	**No. 40**	48 inch applicator	7.50 each

NEW LETHALAIRE FUMIGATORS

S-382A F80 PARATHION 10%
10,000 cu. ft. 8 lbs. carton of 12 for . . . $ 9.25
20,000 cu. ft. 14 lbs. carton of 12 for $12.90

S-382B F81 TEDION 15%
10,000 cu. ft. 8 lb. carton of 12 for $13.65
20,000 cu. ft. 14 lb. carton of 12 for $21.90

S-382C F82 THIODAN 15%
10,000 cu. ft., 8 lb. carton of 12 for . . $12.60
20,000 cu. ft., 14 lb. carton ot 12 for . . . $18.90

S-347 BLACK LEAF NICO-FUME PRESSURE FUMIGATORS. Punch type cans.
15,000 cu. ft. size, carton of 12 ½ lb cans. $ 9.60
30,000 cu. ft. size, carton of 12 1 lb. cans. $15.60

S-346 PLANT PRODUCTS NICO-TEEN SMOKE PRESSURE FUMIGATORS. For efficient control of aphids (green and black fly), most thrips, mum and rose midge on ornamental plants in greenhouses.
10,000 cu. ft. fumigator, per carton of 12. . . . $ 7.25
20,000 cu. ft. fumigator, per carton of 12. . . . $11.75

S-340 PLANT PRODUCTS THIODAN PRESSURE FUMIGATORS. 15% THIODAN. CONTROLS: RESISTANT, TOUGH-TO-KILL APHIDS. Chrysanthemum aphid, Crescent-marked lily aphid, Greenhouse adult whitefly, Green peach aphid, Rose aphid, aphids, (many species). For white flies repeat application after 7 days until control is obtained.
10,000 cu. ft., per carton of 12. . . . . $12.00
20,000 cu. ft., per carton of 12. . . . . $18.00

S-342 PLANT PRODUCTS. TEDION—Dithio Pressure Fumigators. Unlike other smoke fumigants, this is packaged in sealed metal containers and evolves the insecticidal smoke under pressure in the same fashion as old time-tested nicotine pressure fumigators. Contains 15% Tedion and 12.5% Dithio. Controls Resistant Red Spider Mites, Aphids, White Fly, Mealy Bugs, Thrips and Soft Brown Scale.
10,000 cu. ft. per carton of 12 for. $15.00
20,000 cu. ft. per carton of 12 for. $26.00

S-344 PLANTFUME NO. 103 SMOKE GENERATORS. CONTROLS: Two-spotted spider mites, Aphids, and some species of Mealy Bugs, and Thrips on ornamental plants. Active ingredient 15% Tetraethyl Dithiopyrophosphate. (Dithiono).
5,000 cu. ft., 11 lbs., per carton of 36. . . . . $12.00
20,000 cu. ft., 8 lbs., per carton of 12. . . . . $12.00

S-348 PLANT PRODUCTS PLANT MILDEW PRESSURE FUMIGATOR. Contains 15% Karathane. For control of Powdery Mildew on ornamental crops. Do not fumigate tender plants.
10,000 cubic ft, per carton of 12. . . . . $10.50
20,000 cubic ft., per carton of 12. . . . . $15.75

S-349 PLANT PRODUCTS 15% TEDION.
10,000 cu. ft., 7 lb. carton ot 12 for. $12.00
20,000 cu. ft., 13 lb. carton of 12 for. $18.00

FUMIGATORS Cont.

S-331 FULEX THIODAN FUMIGATORS. The new control for resistant White Flies.
5,000 cu. ft., per carton of 12.....$ 8.50
10,000 cu. ft., per carton of 12.....$11.00
20,000 cu. ft., per carton of 12.....$16.00

S-335 FULEX TEDION FUMIGATORS. The new RED SPIDER control for RESISTANT strains. Excellent for "Mums", Snaps, Carnations and Roses. (Don't know if White Butterfly will drop leaves, so be careful on these.) Also has been used on tomatoes and over 100 other varieties safely! Use the NEW SMOKE for "tough-to-kill" RED SPIDERS. It's NON-POISONOUS —MILD—and has excellent plant tolerance. For example, "mums" in full bloom.
5,000 cu. ft., 5 lbs., per carton of 12.....$ 9.50
10,000 cu. ft., 18 lbs., per carton of 12.....$12.00
20,000 cu. ft., 15 lbs., per carton of 12.....$21.00

S-334 FULEX SPIDER-MITE FUMIGATOR is a simple smoke generator designed for use against greenhouse red spiders, two-spotted mites and some strains thereof resistant to parathion. Contains aramite (technical).
2,000 cu. ft. size, 10 lbs., carton of 24.....$12.00
5,000 cu. ft. size, 10 lbs., carton of 24.....$14.50
10,000 cu. ft. size, 18 lbs., carton of 24.....$19.00
20,000 cu. ft. size, 33 lbs., carton of 12.....$16.00

S-333 FULEX PARATHION FUMIGATORS. For most greenhouse ornamentals including carnations, chrysanthemums, geraniums, snapdragons, African violets and many other tolerant varieties **even in bloom!**
2,000 cu. ft., 10 lbs., per carton of 24.....$12.00
5,000 cu. ft., 10 lbs., per carton of 24.....$14.50
10,000 cu. ft., 18 lbs., per carton of 24.....$17.00
20,000 cu. ft., 30 lbs., per carton of 12.....$14.00

S-332 FULEX NICOTINE FUMIGATORS. For use on Greenhouse Ornamentals only. Gives efficient results on greenhouse aphids and most thrips. Contains 14% Nicotine (Alkaloid).
10,000 cu. ft. unit size, 9 lbs., carton of 12 for $ 8.50
20,000 cu. ft. unit size, 15 lbs., carton of 12 for 14.00

S-330 FULEX APHID SMOKE. New Fulex greenhouse smoke fumigator for Aphids, Adult White Flies and Adult Leaf Tyers. Contains Lindane.
2,000 cu. ft. unit size, 9 lbs., carton of 24 for $12.00
5,000 cu. ft. unit size, 9 lbs., carton of 24 for $14.50
10,000 cu. ft. unit size, 9 lbs., carton of 24 for $17.00
20,000 cu. ft. unit size, 16 lbs., carton of 12 for $13.00

OTHER GREENHOUSE CHEMICALS

S-277 SODIUM SELENATE PURE. Use 100 Grams of Sodium Selenate in one gallon of water to make stock solution. Use one quart of stock solution to 100 sq. ft. of bench area. This material cannot be used on vegetable crops.
4 oz.....$ 4.00
1 lb..... 12.50

S-278 SODIUM SELENATE. P-40 is Two Percent Sodium Selenate and ninety-eight per cent carrier (superphosphatein the present material). It is a dilute material. Three pounds treats 100 square feet of bench area.
25 lbs.....$12.50
50 lbs..... 22.50
100 lbs..... 40.00

WONDER-BREL contains Gibrel. The amazing growth stimulant, which makes plants grow to giant size; produces rapid turf growth; breaks dormancy of seeds, leaf and flower buds; produces dramatic results when applied to plants.

S-540 Professional Concentrates (liquid) No. 4—8 oz. makes 2 gallons. No. 5—1 qt. makes 8 gallons. 8 oz. each $3.00, postpaid, $3.25; 1 qt. each $10.00, postpaid $10.35.

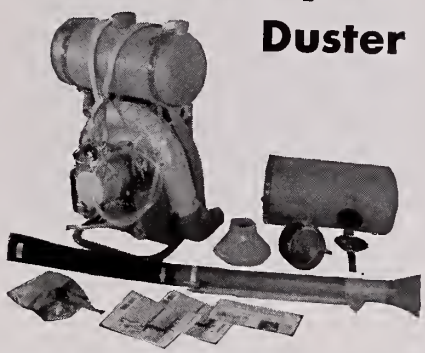
S-354 CYANOGAS CALCIUM CYANIDE "G". Greenhouse fumigant to control aphids, white fly thrips, soft scale, mealy bugs and rodents.
5-lb. can.....$ 4.75
25 lbs..... 15.10
100 lbs..... 30.00
Shipped via express collect only.

EEZY WEAR GLOVES

Made of imported leather processed to make it pliable as kid and washable. An ideal glove for men and women gardeners. Will outwear six cotton gloves. Sizes for women. #626 "Small," "Medium," "Large". Men's sizes #606 "Medium" and "Large."

Cat. No.	Size	Packed	Wt.	Dealers Cost	Retail
S-135	626	12	4 lbs.	**$15.00**	$2.00
S-136	606	12	4 lbs.	**15.00**	2.00

SOLO Sprayer Duster



S-1775 SOLO SPRAYER DUSTER. This is the latest type of equipment for dusting or spraying in your greenhouse and nursery. The Solo Sprayer, Duster weighs but 27 lbs. This power driven knapsack sprayer does a better job with one gallon of liquid than gallons from a hydraulic sprayer. You use less chemicals. No need to drag costly hoses. Labor is minimum. This type of equipment was first used in Europe by both greenhouse growers and nurserymen. Write for complete information.

S1775 SOLO Combine (Spraying and dusting)..... **289.00**

STERILO the New Portable Dry Heat Electric Soil Sterilizer

Caught in the profit squeeze between rising labor costs and competitive pricing? Here's a profit-producer that puts extra money in your pocket every time you use it!

STERILO produces up to 200 flats of sterilized soil a day for less than 1c per flat!

Compare with other methods! No more chemicals, fumes, lumpy-soil results. STERILO dry heat sterilizes soil automatically—load after load—producing the mix you want for the healthier, larger flowers, plants that command top prices, build more repeat business.

Just set the thermostat to any temperature desired from 50° to 250° F. Heat shuts off automatically . . . soil is ready for use soon as it cools. No watching! Labor is freed for other more important jobs.

Remember . . . STERILO is a heavy-duty "machine" requiring no maintenance . . . complete, including carrying handles, cover, precision thermostat and timer.

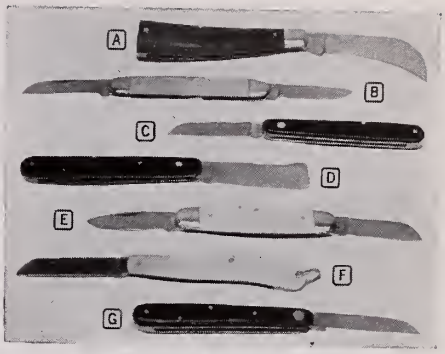
Write for complete information.

S-1864 Complete only.....**$650.00**
F.O.B. San Mateo, California

S-355 CYANOGAS FOOT PUMP. (shown at right) For pumping Cyanogas A-Dust into insect nests, rat burrows, mole run-ways, and for other burrowing pests. Will last indefinitely if not abused. Made for heavy duty. Weight, 8 lbs. Price each, $13.75. FOB Chicago.

S-352 CYANOGAS "A" GRADE. For moles, rats, gophers, and other ground rodents. 1 lb., doz., $10.80; 5 lbs., each, $4.75; 25 lbs., $15.10; 100 lbs., $27.25; 4-oz. tins for ants, doz., $4.68. Via express, collect only.

Minimum order for supplies is $5.00. To continue the fine service and completeness of stock, we ask your cooperation in making your order for supplies a minimum of $5.00



FLORISTS' KNIVES

The Budding, Grafting, Pruning and Florists' Knives illustrated below are designed and made to meet the exacting requirements of nurserymen, orchardists, florists and gardeners who are extremely particular in the choice of their cutting equipment. Postage extra.

(A) **S-118 LARGE PRUNING KNIVES.** Model 186, 4 7/16 inches long. Each, $2.50; 6 for $12.00.

(B) **S-121 BUDDING & GRAFTING KNIFE. Model 727W Imported two blade.** Each, $4.75; 6 for $25.20; 12 for $47.00.

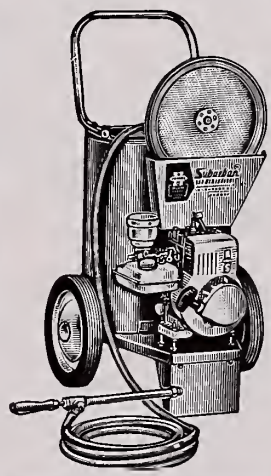
(C) **S-116 VAUGHAN'S FLORIST KNIFE WITH GRAFTING BLADE.** Model 182, each $1.25; 6 for $11.50; Doz., $19.80.

(D) **S-120 BUDDING Model 780HR.** Black handle; each $4.25; 3 for $11.50; 6 for $20.70.

(E) **S-117 VAUGHAN'S BUDDING AND GRAFTING KNIFE.** Model 716, with 2 blades and Brass Caps, Each, $2.75; 6 for $14.40; Doz., $24.60.

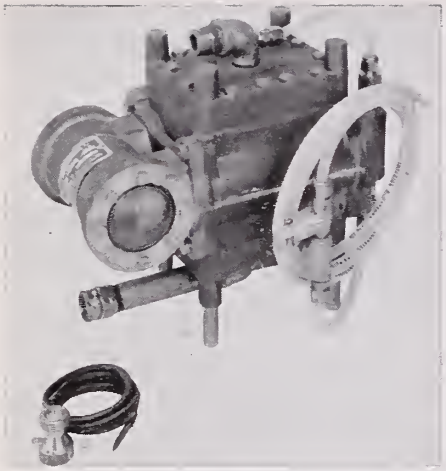
(F) **S-115 WHITE HANDLE, FLORISTS GRAFTING KNIFE.** Model 195, silver nickel schackle for chain attach. Each, $2.00; 6 for $11.00; Doz., $19.20.

(G) **S-122 FLORIST KNIFE WITH GRAFTING BLADE. Model 778CB.** Each, $3.50; 6 for $19.50; Doz., $36.50.



S-1242B HUDSON SUBURBAN POWER SPRAYER. Model 1225. Tank capacity 12½ gallons. Made of heavy gauge galv. steel; welded seams. Complete with 20 ft. of ⅜" Kem Oil "250" Spray Proof hose. With adjustable Power Spray Gun, width overall 21 inches. 2 h.p. 4 cycle air cooled engine. Recoil starter. 150 lbs. pressure. Each $113.00. Weight 90 lbs.

S-1242A Model 1225E ½ h.p. electric motor and 50 ft. of rubber-covered cord. 100 lbs. pressure. Weight 96 lbs. Each $126.00. Prepaid prices.



Ⓐ FERTILIZER-WATER MIXER FOR GREENHOUSE

SMITH MEASURE-MIX. A precision built water motor connected to injector pump powered by flow of water which accurately dispenses liquid fertilizer or other chemicals into water passing through and operating the machine. Tested by many large operators and proved to be efficient. Water intake is beneath, discharge on top. No oil, greasing or adjusting required. Needs no outside connections. Circular describing operation free on request.

S-1834 R3 machine, has ¾-inch pipe connections fitted with ¾-inch hose thread adaptors, mix 1 part fertilizer to 100 parts water. F.O.B. Pasadena, Cal.

Prices and Options for Model R-3

Option	Description	Price
A	Std. stainless steel Circle-seal check valve	**$330.00**
B	Stainless steel rubber check valves	**340.00**
C	Stainless steel Double-ball check valves	**345.00**
J	Brass circle-seal check valves	**290.00**
K	Brass rubber check valves	**300.00**
L	Brass Double-ball check valves	**305.00**

Ⓑ HOZON FERTILIZER

S-797 Fertilize through your hose. Mixes the right amount of ammonium sulphate, nitrate of soda, potash or any soluble fertilizer with the water with which you sprinkle your lawn. One end screws into the faucet, the other end takes the hose, the small tube drops into the bucket of fertilizer. Each $1.65; postpaid, $1.80. 6 for $9.00; postpaid, $9.35.

PACKAGED FERTILIZER

S-1420 RA-PID-GRO the Foliage Plant Food. Analysis 23-21-17 with Minor Elements, Vitamins and Growth Hormones. Good for all crops.

Size	Packed	Wt.	Your Cost	Retail
6 oz.	24	11 lbs.	**$7.20**	$ .50
1 lb.	12	16 lbs.	**9.36**	1.30
5 lb.	6	36 lbs.	**17.10**	4.75
10 lb.	4	45 lbs.	**21.60**	9.00
25 lb.	1	28 lbs.	**13.50**	22.50
50 lb.	1	53 lbs.	**25.20**	42.00

S-970 SEQUESTRENE 330 FE IRON CHELATE. Contains 10.5% iron as metallic. For use on alkaline or slightly acid soils. May be applied as soil treatment or as foliage spray. 1 lb. for $2.50, 5 lb. pkg. for $7.20, 50 lb. bag for $62.50.

POLYETHYLENE FERTILIZER TANKS

S-1772 Made from virgin polyethylene, tanks are fully molded in one piece with no joints. This tank is self supporting. This tank is the answer to your fertilizer concentrate. Tanks measure 18" wide and 27" high. Tanks hold 27 gallons of solution.

Each, $12.00; 3 or more, ea., $11.00; Covers, ea., $2.00 F.O.B. Chicago, Ill.

VAUGHAN'S INSTANT GLAMOUR SUPER SOLUBLE PLANT FOODS

NEW! Now Vaughan's own brand of completely soluble plant foods tailored for the needs of specific crops.

Manufactured from only the highest grade ingredients carefully blended to include all accepted secondary and trace elements. Completely chelated.

They are compatible with all insecticides and fungicides and are non-corrosive to equipment and lines employed in application. Adequately colored. 50 lb. drums only.

ANALYSIS	Prices per Pound 50 to 100 Lbs.	100 to 999 Lbs.	1000 to 1999 Lbs.
20-20-20	$0.30	$0.26	$0.25
15-30-15	.30	.26	.25
25-0-25	.28	.24	.23
25-10-10	.30	.26	.25

300 lbs. or more shipped freight prepaid to any point in the U.S. (Hawaii and Alaska excepted). Orders less than 300 lbs. shipped freight charges collect.

PETERS SPECIAL SOLUBLE FERTILIZER with M77 chelating Formula, assures availability to the plants of all elements primary, minor and trace. At normal rates the solution is crystal clear and 100% soluble.

	25 to 75 Lbs.	100 to 975 Lbs.	1000 to 1975 Lbs.
15-15-15 20-5-30 16-4-12 25-10-10 21-7-7	.28 Lb.	.24 Lb.	.23 Lb.
20-20-20 25-5-20 15-30-15 30-10-10 10-30-20	.30 Lb.	.26 Lb.	.25 Lb.

Freight prepaid in the continental United States on all orders of 300 lbs. or more. West of the Mississippi add .03 per lb. Orders less than 300 lbs. shipped freight charges collect.

Packed in 25 lb. bags only—shipped from Allentown, Pa. Can not be combined with other goods shipped from Chicago area warehouse.

KAPCO SOLUBLE FERTILIZERS. Consist of water soluble crystals containing a high concentration of the primary and secondary elements required to sustain plant life. When crystals are dissolved in water the solution is then a complete liquid fertilizer.

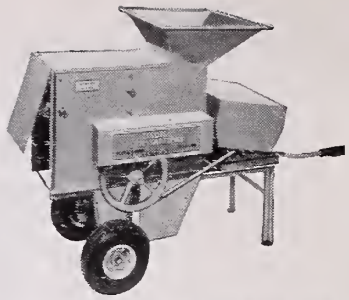
Analysis	Prices per pound 50 to 299 Lbs.	300 to 999 Lbs.	1000 to 1999 Lbs.
15-30-15	$0.27	$0.23	$0.22
20-20-20	.27	.23	.22
24-12-12	.31	.27	.26
25-0-25	.23	.19	.18
12-24-24	.25	.21	.20
AZALEA SO 30-10-10	.31	.27	.26

In lots of 300 lbs. or over, Kapco Fertilizers, are Prepaid anywhere in the U.S. except Alaska and Hawaii. Packed in 50 lb. size only.

S-362 V-C13 NEMACIDE. Controls nematodes in greenhouse benches, seed flats, potting soil, etc.
Quart ..... $ 6.00
10-lb. bottle 20.00

S-670 HERBICIDE. The original weed killer. Destroys grass and weeds on paths, driveways, tennis courts, cobble gutters or any place where weed growth is not wanted. Don't use on lawns, or in garden beds. One gallon will cover app. 2,500 sq. ft. Herbicide is a poison. **P.O.B.Chicago.**

Size	Packed	Wt.	Dealers Cost	Retail
Qt.	12	45 lbs.	**$ 9.20**	$1.15
Gal.	4	60 lbs.	**8.00**	3.00
5 Gal.	1	66 lbs.	**8.35**	12.50
30 Gal.	1	405 lbs.	**30.00**	45.00
55 Gal.	1	750 lbs.	**46.75**	68.75



LINDIG SOIL SHREDDERS

Semi-pneumatic rubber-tired wheels are now standard equipment on all models.

FOB St. Paul, Minn.

S-1822 MODEL JR-B. Feeding Hopper size 15x15 in., with 15 shredding blades, and 4 stationary blades. Price without motor, $118.00, with ½ h.p. electric motor, $170.00, with 2 h.p. Gas engine with clutch $170.00.

S-1824 MODEL 1B-4. Feeder hopper size 16x18 in., shredding rotor assembly 8½ in. wide, with 4 shredding blades on each bar, with 3 stationary blades. Price without motor, $165.00; with ¾ H.P. electric motor, $240.00, with 3.25 H.P. Gas Engine, 4 cycle heavy duty complete with clutch, $230.00.

S-1825 MODEL 1B-6. Same as model 1B-4, except that it has 6 shredding blades on each bar, with 5 stationary blades. Price without motor, $175.00; with ¾ H.P. electric motor, $250.00; with 3.25 H.P. Gas Engine 4 cycle, heavy duty complete with clutch $240.00.

S-1826 MODEL 2B-6. Feeder hopper size 18x20 in., shredding rotor assembly 10½ in. wide, has 6 shredding blades on each bar, with 5 stationary blades. Price without motor, $190.00; with ¾ H.P. electric motor, $265.00; with 1 H.P. electric motor, $285.00; with 3¼ H.P. Gas Engine 4 cycle heavy duty, complete with clutch $255.00. With 1½ HP 3 phase elec. motor, ea. $320.00.

S-1827 MODEL 2B-8, same as model 2B-6, except that it has 8 shredding blades on each bar, with 7 stationary blades. Price without motor, $200.00; with 1 H.P. electric motor, $295.00; with 3.25 H.P. Gas Engine and clutch, $265.00; with 1½ H.P. electric motor, 3 phase, each $330.00.

S-1828 Screening Attachments:
Type B Screener for Model 1B-4 and 1B-6 ..... $60.00
Type B Screener for Models 2B-6 and 2B-8 ..... 70.00
Rubber-tired wheels with tubes for use with models 1B and 2B, per set 22.00

KEMP SOIL AND COMPOST SHREDDERS

F.O.B. ERIE PENNA.

The KEMP principle of shredding (not grinding) was developed specifically for professional growers. Soil comes out ready to use at just the right texture and thoroughly aerated. KEMP dependability is well established. Designed and engineered for long life. Used by florists, nurserymen, parks, professional growers, cemeteries, etc.

S-1815 KEMP POWER SOIL SHREDDER No. 6. The capacity is 3 to 6 cubic yards per hour. This popular model can be taken right to the job, as it is designed to move easily between benches . . . a definite advantage, since the KEMP principle with VARIABLE Adjustment produces just the right texture of shredded and aerated soil for each particular job. The KEMP No. 6 is powered by a ¾ H.P. heavy duty electric motor. It is 36" long, 22" wide, 36" high at the hopper, and 33" high at the discharge end. The approximate shipping weight is 200 pounds. **Two rubber tires standard equipment.**
Machine shipped complete with motor and cord, ready to plug into socket and run. Complete with rubber tired wheels, $225.00.

S-1816 MODEL SK KEMP SHREDDER FOR HOME GARDENERS. Rubber Tires standard equipment on this model. An all purpose shredder for home gardeners.

With Briggs and Stratton 2¼ H.P. Gas Engine . $150.00
With ½ H.P. Electric Motor, 1725 RPM 155.00
Less Power (Includes pulley on machine) 112.00

KEMP SOIL SHREDDERS

Two rubber tires standard equipment

S-1817A No. 6 Complete with ½ H.P. electric motor, 3 ft. of cord $208.00

S-1817B No. 6 Complete with 3 H.P. Briggs & Stratton gas engine, mounted on truck with wheels $204.00

S-1817C No. 6 Complete, less engine or motor, mounted on truck $156.00

When ordering without power, give specifications on power to be used, so we can furnish proper pulley. Write for prices and literature on other models.

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BEAUTIFYING AMERICA SINCE 1876

Vaughan's SEED COMPANY

OVID, MICHIGAN—Warehouse for Bulk Vegetable Seed, Grass Seed, Peat Pots. Phone: Terrace 4-2241.
For direct dial long distance use area Code 517—TE 4-2241.

MIDWESTERN WAREHOUSE—5300 Katrine Avenue, Downers Grove, Illinois
Phone: Woodland 9-6300. For direct dial long distance use our area Code 312 WO 9-6300.
For Chicago customers, Phone: BIshop 2-2362.

EASTERN WAREHOUSE—Chimney Rock Road, Boundbrook, N.J.
Phone: ELliott 6-4200 for direct long distance use our Code 201 EL 6-4200.
For New York customers Phone: BArclay 7-4900.

Above two warehouses are now housing Bulbs, Grass Seed, Fertilizers, Peat Pots, Florist and Garden Supplies.

PRICES IN THIS CATALOGUE ARE SUBJECT TO CHANGE WITHOUT NOTICE.

CASH AND QUANTITY DISCOUNTS.

On Flower and Vegetable Seeds Only

Our schedule of Cash and Quantity Discounts will make it profitable to order as much of your season's requirements as practical at one time, and from one source.

CASH DISCOUNTS: When orders for Flower and Vegetable Seeds are accompanied by remittance to cover, the following special discounts may be taken.

UNDER $10.00 NET

$10.00 to $25.00,	5%	200.00 to 300.00,	12%
25.00 to 100.00,	8%	300.00 to 500.00,	14%
100.00 to 200.00,	10%	500.00 to 750.00,	16%
750.00 and Up	22%		

CHARGE ORDERS: We will allow the following discounts on each order for Flower and Vegetable Seeds. If paid within 30 days from date of invoice.

UNDER $10.00 NET

$10.00 to $25.00,	2%	200.00 to 300.00,	10%
25.00 to 100.00,	5%	300.00 to 500.00,	12%
100.00 to 200.00,	8%	500.00 to 750.00,	14%
750.00 and Up	20%		

Please give us your Post Office delivery zone if you have one.

IMPOSSIBLE TO GUARANTEE CROPS.

VAUGHAN'S SEED CO., gives no warranty express or implied, as to the productiveness of any seeds, bulbs or plants it sells; nor does it warrant fertilizers other than in respect to data required of seller by statutes. It is expressly agreed that the limit of liability for all claims for loss or damages due to any cause shall be in a sum no greater than the invoice price of the goods and in no case shall it be responsible for loss or damage of the crop.

TERMS OF PAYMENT. Flower, Vegetable Seeds, See quantity discount above.

Bulbs, Supplies, Grass Seed Mixtures and Fertilizers, Greenhouse Plants and Insecticides are 2% 10 days, 30 days net.

FIRST ORDERS from all firms not having an account with us should come with cash remittance to cover, if merchandise is needed at once. If cash is not sent, supply bank and trade references and expect a few days delay while references are checked. Some **individual name** should be signed to all orders.

PREPRICED ORDERS. These orders are held in file and just prior to shipment a detailed invoice will be sent. Upon our receipt of your check covering the invoice, merchandise will be shipped. Prepaid orders enables you to receive cash discount and save you C. O. D. charges.

POSTAGE for parcel post shipment. The prices in this catalogue except on **Flower and Vegetable Seeds** are not prepaid. Include sufficient to cover postage with cash orders. Postage will be billed on charge orders.

ROUTING. On each Order please give **name of railroad** you wish shipped by; there is no other sure way of correct routing. State distinctly: if by **Mail, Express, Truck or Rail Road Freight.** If no routing is given, we will use our judgment but cannot be responsible for any delay or over charges.

ADVANCE ORDERS for seeds not yet grown or harvested are subject to pro-rata delivery in case of short crop.

APPROXIMATE DOMESTIC PARCEL POST RATES On Seeds, Plants, Bulbs, Roots, Books, Tools, etc. Within the U. S. and Possessions. Effective Feb. 1, 1960	First pound or fraction	Each additional pound or fraction
Local—Chicago or New York City	24c	2c
First and Second Zone within 150 miles of either	33c	5c
Third Zone within 150 to 300 miles	35c	6c
Fourth Zone within 300 to 600 miles	39c	8c
Fifth Zone within 600 to 1000 miles	45c	10c
Sixth Zone within 1000 to 1400 miles	51c	13c
Seventh Zone within 1400 to 1800 miles	58c	16c
Eighth Zone all over 1800 miles	64c	19c

NOTE. A fraction of a cent in the total amount of postage on any Parcel is counted as a full cent.

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Best Sellers - Everything in Full Color

PACKAGED FOR LONG SHELF LIFE AND GARDEN PERFORMANCE

Packaged Strawberry Plants

A NATURAL for counter sales. Plants are rolled in a moisture-sealed film separator and remain longer in a prime condition. For best results fresh plants should be re-ordered each 2 or 3 weeks. Normal shelf life about 3 weeks.

25 strong plants per package available in a large selection of varieties.

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JUNE BEARING

Armore, midseason
Aroma, midseason
Blakemore, early
Dixieland, early
Dunlap, early
Pocahontas, midseason
Premier, early
Robinson, midseason
Tenn. Beauty, midseason

EVERBEARING

Streamliner
Gem
Superfection

All plants listed are grown from **VIRUS FREE** foundation stock, and have been twice inspected.

	Per case of 30 packages
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Any variety, (not mixed).....	**$16.00**
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5 pkgs. ea. of all 3 everbearing var.	
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(F.O.B. MISSOURI)

Daylilies (Hemerocallis) Easy to Grow

Daylilies thrive almost anywhere, in full sun or partial shade. For those "hard to grow" places and wherever bright color spots are desired in the garden, these plants provide abundant blooms from spring to fall. Not bothered by disease or insect pests. Plant 18 to 24 inches apart, just deep enough to cover root crown (where roots and foliage meet) **with** one inch of soil. Plant fall or spring. Divide clumps every two or three years. Fertilize twice a year, spring and fall.

Packaged Daylilies

Each package contains 2 plants of one color. Packed with 6 packages each of the following colors: Yellow, Copper-orange, Deep maroon, Cerise red, and Red & Yellow Bi-color.

Case of 30 packages.....**$15.75**

(F.O.B. MISSOURI)

Peonies in Illustrated Package

Strong divisions, 3 to 5 eyes.

In Polyethylene, packed tightly in a generous supply of black peat.

Planting instructions on wrapper.

Large package (1 lb.). Packed to last through the entire season.

Foil topped to eliminate light and add glamour.

Full color wrapper over sturdy fiber spiral wound tube.

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6 Mons Jules Elie (pink)
6 Felix Crousse (scarlet)
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6 Edulis Superba (bright pink)
Per Case (30 packages)
(F.O.B. Missouri).....**$16.50**

BY COLOR

6 Double White
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(F.O.B. MISSOURI)

Quick Profits, No Waste in Modern Packaged Bulbs

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JAN 23 1962

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Bulbs per box		Bulbs per box	
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12	Gladiolus Carrara	2	Dahlias Decorative Mixed
12	Gladiolus Sans Souci	2	Dahlias Decorative Lavender
12	Gladiolus Jo Wagenaar	2	Dahlias Decorative Red
12	Gladiolus Mabel Violet	2	Dahlias Decorative White
12	Gladiolus Friendship	2	Dahlias Decorative Yellow
12	Gladiolus Wild Rose	2	Lily Regale
12	Gladiolus Hopmans Glory	2	Lily Rubrum
12	Gladiolus Midsummer	5	Tuberoses Double Pearl
15	Gladiolus Rainbow Mixed	2	Ismene Calathina
3	T.R. Begonias Mixed Colors	2	Caladium Fancy Leaf
3	T.R. Begonias Pink	2	Amaryllis Large size
3	T.R. Begonias Red		

- FULL COLOR BOXES
- MAKE UP YOUR OWN SELECTION
- PACKED 24 PER CARTON
- COMPLETE CULTURAL DIRECTIONS